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P-W's FALL BULBS and PLANTS

PORTER-WALTON CO., Salt Lake City & Centerville, Utah



**P.-W.'s
NEW HARDY ORCHID
FLOWERED ACACIA**

**Gorgeous when in flower,
beautiful foliage, hardy every-
where. Plant in late October
or early November. (See page
17 for description.) Price 7-8',
\$2.50; 8-9', \$2.90.**

GIANT FLOWERED TULIPS

Due to the war conditions in Europe, it has been impossible to secure our usual supply of Holland-grown bulbs. We have been successful in obtaining a few of the standard varieties, some of which have been grown in Britain and others in America. They come from the best sources of supply obtainable, and we are passing them along to our customers with the conviction they will give an excellent account of themselves, although they may not measure up to the full extent of those we have previously obtained from the world's best growers in Holland. The supply is very limited and our advice is to order early to avoid disappointment. Plant 6-7 inches apart and 6 inches deep for best results.

Prices—on all varieties, unless otherwise specified, will be **10c** each; **\$1.00** per dozen; **\$7.50** per 100; postpaid.

Baron De La Tonnay 26 "D". Vivid pink, tall, strong stems.

Bartigon 28 "D". Fiery red.

Bronze Queen 28 "B". Buff, tinged apricot.

Clara Butt 22 "D". An exquisite shade of soft, salmon pink, shaded rose.

Euterpe 26 in. A fine, large, dark, mahogany with a silver sheen.

Farncombe Sanders 25 "D". Vivid cerise-scarlet with white base; large. One of the best.

Inglescombe Yellow 20 "CG". Golden yellow.

Orange Beauty 25 in. A beautiful, soft, salmon-pink orange, terra-cotta blush.

Pride of Haarlem 26 "D". Crimson carmine. Still the leader.

Princess Elizabeth 26 "D". Perfectly formed; large, rich, deep pink.

W. T. Ware 25. Few yellows surpass this variety in richness of color; ivory stamens.

William Copeland 25. Color pure lavender; fine flower.

U. S. A. 25. A large fine brilliant orange; an early flowering Darwin or Triumph variety.

Any of the above—**10c** each; **\$1.00** per dozen; **\$7.50** per 100; Postpaid.

Special Large Flowering Mixed. Bulbs slightly smaller than the named varieties, in good color assortment. Will bloom satisfactorily. **7c** each; **70c** per dozen; **\$5.00** per 100; Postpaid.

Giant Tulip Collections

Consisting of first size bulbs of Bronze Queen, Farncombe Sanders, Inglescombe Yellow, Princess Elizabeth, and Mr. Copeland.

Offer No. 30—

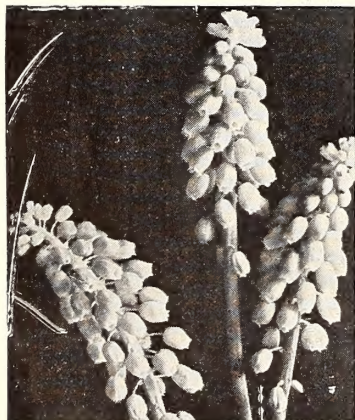
5 each of above—

25 bulbs for..... **\$2.00**

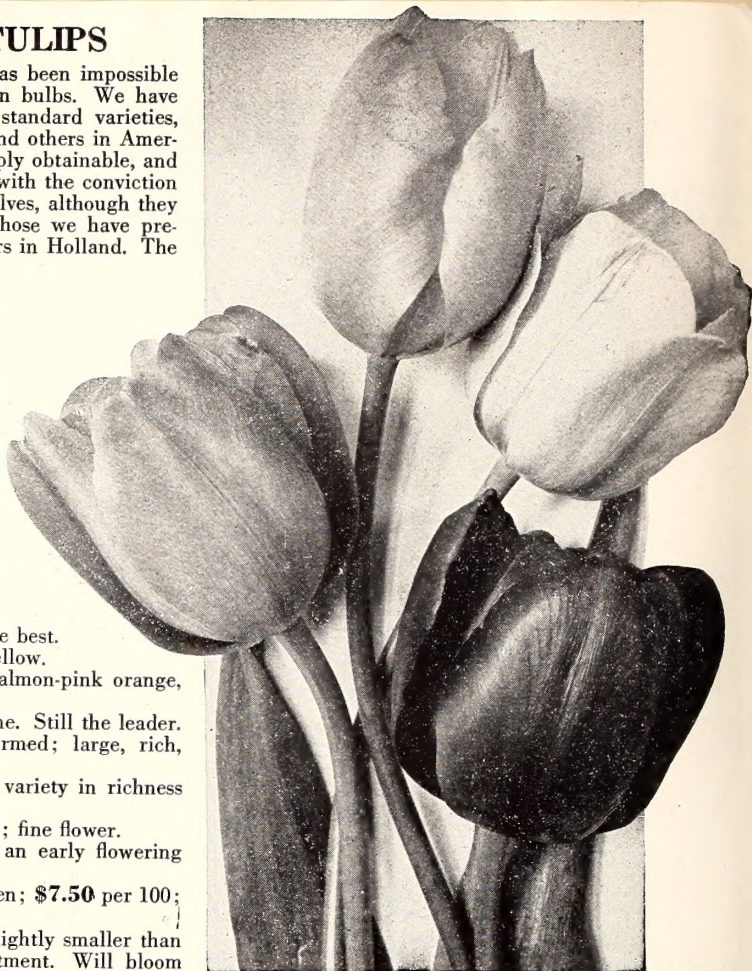
Offer No. 31—

12 each of above—

60 bulbs for..... **\$4.50**



Muscari
Imp. Heavenly Blue



Types of Giant Flowered Tulips

ANEMONE CORONARIA

These most desirable garden flowers form very compact plants about 12 in. high with long, stiff stems, showy blooms in many charming colors such as blue, white, rose, scarlet, maroon, etc. The blooming time is during May and June. The plants do better in a well-drained, rather moist soil and bulbs should be planted 2 to 3 in. deep and 5 to 6 in. apart. It is advisable to use mulch on top of the ground in localities of the same climatic conditions as the Salt Lake Valley; in warmer situations, this will not be necessary. In very cold sections, we do not advise outdoor Fall planting. They are fine, however, for pot culture and make an attractive indoor plant.

St. Brigid—This variety is our choice from the number in the family of Anemones. It produces a choice mixture of double and semi-double blooms in a marvelous array of rich and brilliant color. 3 for **25c**; 12 for **70c**; 100 for **\$5.00**.

AUTUMN-FLOWERING CROCUS

(Plant in September)

Excellent for planting in rock gardens, grass plats and shrubbery borders.

Susianus—Orange red anthers, light yellow throat. Very fine. Doz., **75c**; 100, **\$5.25**.

Zonatus—Rosy-lilac; yellow center and orange zone. Most satisfactory. Doz., **70c**; 100, **\$5.00**.

MUSCARI

(Grape Hyacinths)

One of the prettiest of early spring flowering bulbs, grows about 6 inches high. Attractive floral spikelets.

Improved Heavenly Blue—Color clear light blue; very showy. Doz., **50c**; 100, **\$3.50**; 1000, **\$30.00**.

SCILLAS (Squills)

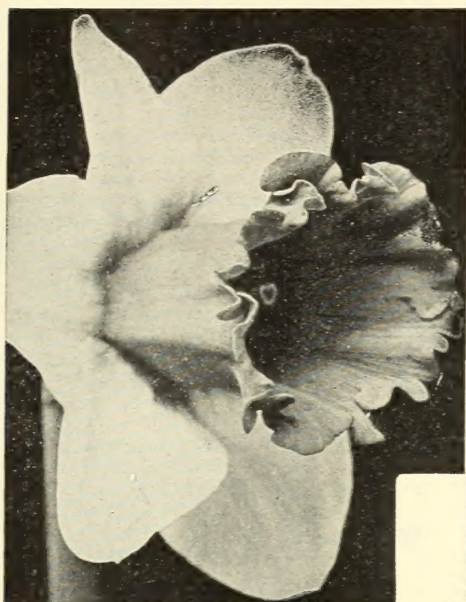
Sibirica, Blue. Invaluable for indoor decoration and is perfectly hardy outside, largely grown in the open border in conjunction with Snowdrops. Doz., **70c**; 100, **\$5.00**.

Campanulata, Blue. (English Blue Bells). Blooms in May. Doz., **65c**; 100, **\$4.50**.

Campanulata, Rosea. Very pretty pink flowers. Doz., **65c**; 100, **\$4.50**.

P.-W.'s LOVELY DAFFODILS

SELECTED BULBS FROM WORLD SPECIALISTS



Olympia

Both Holland and Northwestern Grown Bulbs are now available, and there are no hardier bulbous plants with more merit than the Narcissus or Daffodil. They grow well in almost any climate or condition, sun or shade, moist or dry, although they have a preference for good deep soil, and a partly shaded position.

They are equally desirable for pot culture for winter flowering. The top of the bulbs should be planted four inches below the surface and 6 to 12 inches apart.

NOTE: In describing Narcissus reference is made to the "perianth" and the "trumpet." The latter is the long center, funnel-shaped tube, and the perianth is the outer row of petals or wings.

Large Trumpet Daffodils

EMPEROR. Yellow trumpet, perianth deep primrose.

Selected Bulbs, 3 for 21c; doz., 75c; 100, \$5.50.

Mother Bulbs, 3 for 35c; doz., \$1.20; 100, \$8.50.

KING ALFRED. This wonderfully beautiful Daffodil is considered the largest and finest deep golden yellow trumpet variety. A tall, strong grower, with magnificent frilled trumpet and large perianth, all of a uniform rich golden-yellow of splendid heavy texture—lasting well.

Selected Bulbs, 3 for 31c; doz., \$1.05; 100, \$7.50.

Mother Bulbs, 3 for 41c; doz., \$1.40; 100, \$10.00.

OLYMPIA. A much improved and enlarged Emperor, very free-flowering and exceptionally hardy. This giant trumpet is priced so low that it can be ranked as a leading commercial cut flower variety. Selected Bulbs, 3 for 27c; doz., 90c; 100, \$6.50.

SPRING GLORY. Clear white perianth with long petals of splendid form, long trumpet of deep yellow, well reflexing at brim. Vigorous grower and one of the best Daffodils for pot culture.

Selected Bulbs, 3 for 24c; doz., 85c; 100, \$6.00.

Mother Bulbs, 3 for 33c; doz., \$1.10; 100, \$8.00.

VAN WAVEREN'S GIANT. Largest in cultivation; perianth primrose, trumpet bright yellow.

Selected Bulbs, 3 for 35c; doz., \$1.20; 100, \$8.50.

ROBERT SYDENHAM. A superb outstanding heavily frilled trumpet of beautiful golden yellow, glittering as a sprinkle of gold dust backed by a symmetrical soft sulphur yellow perianth. The entire flower suggests rugged proportionate beauty such as the Greeks loved to express in their masterful sculpture. Belongs in every collection for Flower shows, where it is a consistent winner. 3 for 50c; doz., \$1.60; 100, \$11.50.

Collections of Four Large Daffodils

These collections contain the following large-flowering varieties described on these two pages:

Olympia, Spring Glory, Sir Watkins and Poetaz Elvira. All selected bulbs.

No. 32—Three bulbs each \$.75
(12 bulbs, value 96c)

No. 33—Six bulbs each 1.35
(24 bulbs, value \$1.68)

No. 34—Twelve bulbs each 2.60
(48 bulbs, value \$3.35)

No. 35—25 bulbs each 5.00
(100 bulbs, value \$6.00)

Trumpet Daffodils, Mixed Many of our friends have requested us to furnish them with a mixture of Narcissi which could be used for mass planting in the garden, the woodland, or the meadow. Our mixture contains all hardy varieties suited for this purpose. The plants will multiply from year to year and give the natural effect so much desired. Doz., 75c; 100, \$5.50; 1000, \$50.00.

Double Daffodils

DOUBLE VAN SION. Too well known to need description; grand old double yellow Daffodil.

Selected Bulbs, 3 for 24c; doz., 85c; 100, \$6.00.

Sulphur Phoenix (Incomparabilis). Large, double creamy-white with deeper center, very chaste and beautiful.

Selected Bulbs, 3 for 24c; doz., 85c; 100, \$6.00.

Twink The most popular Double Daffodil. Semi-double in type, with alternating petals of primrose and clear orange, each whorl of petals symmetrically centered over the other. It has none of the confused appearance common to older inferior doubles of this class. Flowers very early in the garden and is particularly suited for forcing. Outstanding exhibition variety.

Mother Bulbs, 3 for 70c; doz., \$2.25; 100, \$17.00.



*Double
Van Sion
Daffodil*

Medium Trumpet Narcissus

These types, which include the Barrii, Incomparabilis and Leedsii are a cross between the large trumpet varieties and the Poeticus. They are gorgeous when planted outdoors in masses; may also be grown indoors and are excellent for cut flowers.

Barrii Conspicuus. Large, broad pale yellow perianth, deep yellow cup with bright scarlet edge. A very free flowering variety of the true Barrii type. 3 for 20c; doz., 70c; 100, \$5.00.

Bonfire. A most impressive flower. Long ivory colored petals overlapping surrounding glowing orange scarlet cup of great beauty. A decided freshness like that of newly formed cream characterizes the petals, while the deep color of the cup dazzles the eye. Long stemmed; very free flowering. 3 for 40c; doz., \$1.25; 100, \$9.00.

Croesus. Truly magnificent. Flower has a pale primrose perianth with thick overlapping petals, widely expanded crown and heavily suffused and stained deep orange red. 3 for 40c; doz., \$1.25; 100, \$9.00.

Lucifer. A showy and striking variety; perianth pure white, crown or trumpet brilliant orange-scarlet, making an effective contrast. 3 for 21c; doz., 80c; 100, \$6.00.

Mrs. Langtry. Pure white, twin-flowered; a gem for forcing and cutting. 3 for 20c; doz., 70c; 100, \$5.00.

Orange Glow. "Exceptionally superior" is the usual comment for this variety. Possesses a clear golden yellow perianth of large dimensions. Delightfully frilled crown of great depth and width, stained a deep orange with a reddish fringe. This magnificent flower measures $4\frac{1}{2}$ to 5 inches across under good cultural treatment. 30c each; 3 for 85c; doz., \$2.85; 100, \$20.00.

Sir Watkin. "Giant Chalice Flower," or "Big Welshman." A gigantic flower, the largest in this section; perianth sulphur-yellow, cup slightly deeper in color and tinged with orange; fine for pot culture; in fact, does well everywhere. 3 for 21c; doz., 75c; 100, \$5.50.

Will Scarlet. Creamy white perianth with large running fiery orange-red cup. Very distinctive novelty. 3 for 25c; doz., \$1.00; 100, \$7.00.

White Lady. White perianth, soft canary-yellow cup; of fine form. 3 for 20c; doz., 70c; 100, \$5.00.



Orange Glow

Narcissus for Rock Garden

Dwarf Mixed Varieties. We have selected the most desirable dwarf types growing from 8-12 inches high which are especially suited for edging and rock garden situations. They are of varying forms, some of the large trumpets, others mediums, some small-eyed, and some of the Jonquils are included in this mixture. Excellent for rock garden work. 3 for 40c; 12 for \$1.25; 100 for \$9.00.

Narcissus for Naturalizing

Plant them by the hundreds. Medium and short trumpet varieties mixed. All the first class bulbs especially recommended for naturalizing or large plantings. Contains all types and colors. 50c doz., \$3.75 per 100; \$35.00 per 1000.



Rock Garden Narcissus

Jonquils

Very popular as cut flowers and can be successfully grown by everyone. Culture same as Narcissus.

Giant Jonquils (*Capernelle Rugulosus*). An improved rich golden-yellow, very fragrant; from 3 to 6 flowers borne on stalks about 18 inches high. 3 for 21c; doz., 75c; 100, \$5.50.

Poet's Narcissus

This class of Narcissus, instead of having a trumpet or crown, has a small wide-mouthed cup. Very hardy, used in large numbers for naturalizing, their simplicity of form and delightful fragrance making them highly prized.

Cassandra. This is an outstanding flower in its class. The perianth is an immaculate white with an orange cup fringed red. Flowers are borne on strong stems. It is not only the best in its class for the florists as a cut flower, but it is a splendid garden variety. 3 for 20c; dozen, 70c; 100, \$5.00.

Poeticus Ornatus. More symmetrical than the old *Recurvas* (Pheasants-eye) and blooms earlier; flowers large, pure white, cup margined orange-gold and as fragrant as the type. 3 for 20c; doz., 70c; 100, \$5.00.

Poeticus, Horace. Quite the best and largest of the new Poet's varieties. The white perianth is of large size, cup canary-yellow, rimmed with bright red. Height 17 inches. 3 for 20c; doz., 70c; 100, \$5.00.

Poetaz Hybrid Narcissus

The flowers in this class are somewhat similar to the Poet's Narcissus. They are really the result of hybridizing the Poeticus and the Polyanthus Narcissus, possessing the good qualities of both parents. The plants grow very vigorously, and bear generally from three to five flowers on a stem and are deliciously fragrant.

Cheerfulness. This is a new double white Poetaz hybrid. Three to four flowers on a single stem. While the general effect of the coloring is white, there is a suggestion of ivory and yellow tints at the base of the petals which give character to the entire flower. It stands out as the most charming introduction in this class in recent years. Wonderful show variety. 3 for 55c; doz., \$2.00; 100, \$14.00.

Elvira. A large pure white with yellow cup; strong grower and free flowering; fragrance resembles that of gardenia. 3 for 24c; doz., 85c; 100, \$6.00.

Helios. The flowers are arranged in clusters on fine long stems. They are a pure golden yellow color. Blooms early and freely. Excellent for forcing in the house and, being very hardy, valuable for planting in the open. Planted in clumps among perennials or shrubbery, a very fine display can be created. 3 for 30c; doz., \$1.10; 100, \$8.00.

Laurens Koster. Pure white perianth, orange-yellow cup. 3 for 30c; doz., \$1.00; 100, \$7.50.

BULBS FOR INDOORS

Amaryllis

Giant American Hybrids. Beautifully formed, lily-like flowers of immense size and splendid form.

Easily grown, showy plants for indoors. Colors range from the richest scarlet, crimson, and bright red, to rose, red and crimson markings on pure white. Several flowers usually on each spike. Large bulbs 50c each; 3 for \$1.40; 12 for \$5.00. Pstpd.

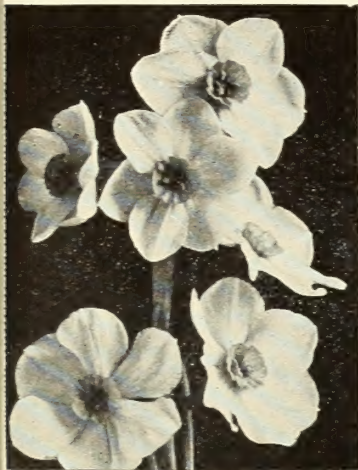
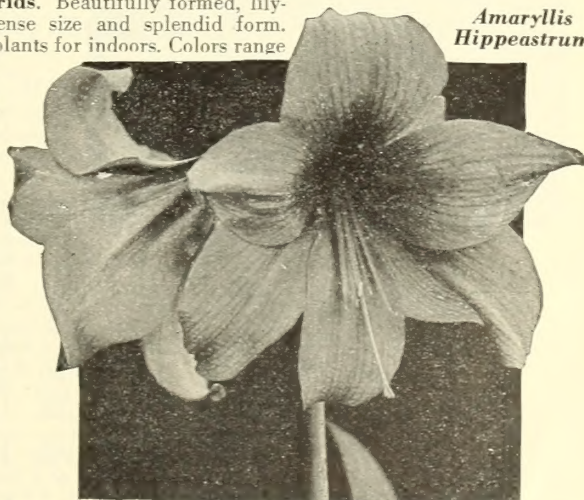
Calla Lilies

Yellow Calla. Ready in October. Rich golden yellow, almost identical with the white except for color. Mammoth bulbs, 3 for 70c; doz., \$2.50.

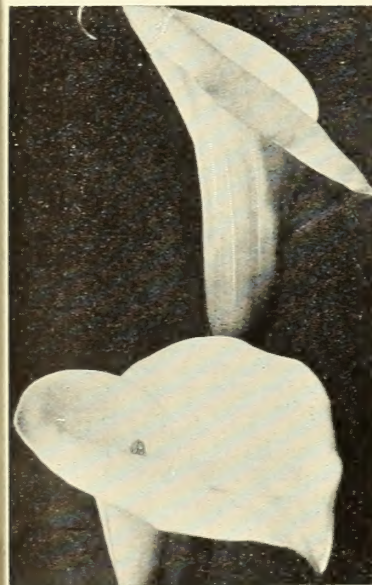
White Calla. The well known beautiful white Calla. Strong flowering roots, 3 for 70c; doz., \$2.50.

See next page for indoors bulbs.

Amaryllis Hippeastrum



Poetaz Elvira



White Calla Purity Freesias

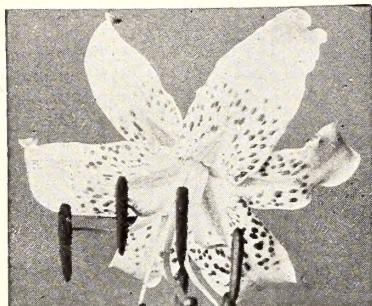


Giant White Narcissus

Freesias

Purity—Lasting fragrant white flowers borne in clusters. When potted, do not place in dark room like most other bulbs, but put directly in the light. Will bloom by Christmas and flower in succession until June. Large bulbs, 3 for 12c; doz., 45c; 100, \$3.00.

Rainbow Mixed Colors. Large, fragrant mixture of beautiful shades. 3 for 16c; doz., 55c; 100, \$4.00.



Speciosum Lily



Royal Lilies

BULBS FOR INDOORS

(Continued)

Oxalis

White, lavender, and yellow. 3 for 15c; doz., 50c; 100, \$3.50.

Giant White Narcissus (Paper White)

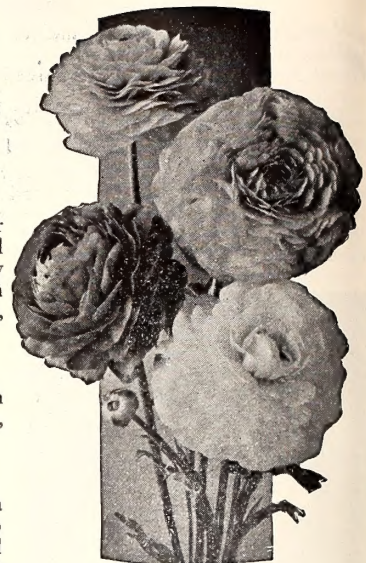
Flowers pure snow-white, desirable for their beauty and fragrance, forces admirably. Will bloom as early as December and flowers freely in dense clusters. Splendid for growing in water with pebbles and moss. Jumbo bulbs, 3 for 18c; doz., 65c; 100, \$4.50.

Soleil d'Or or Golden Sun

Large clusters of rich yellow flowers with a deep orange-red cup. 3 for 29c; doz., \$1.00; 100, \$7.00.

Ranunculus

Tecolote Giants—Our mixture contains a wonderful range in colors—yellow, deep golden, reds, dark crimson, scarlet, and orange-pink. These showy flowers do best in shady locations and in moderately rich soil. They are very fine for cutting and in this locality should have winter protection. In planting, set the claws downward, plant 2 in. deep and 4 to 6 in. apart. When grown in pots, plant 6 to 8 roots in a 6-inch pot and cover roots with 1 in. of soil. 3 for 15c; 12 for 55c; 100 for \$3.75.



*Ranunculus
Tecolote Giants*

Prepared Bulb Fibre

Lb., 20c; 5 lbs., 90c, postpaid. Not prepaid, 10 lbs., \$1.25; 100 lbs., \$10.00.

Bulb Bowls—see page 25

P.-W.'s HARDY GARDEN LILIES

Auratum (Golden-banded Japan Lily). Large, graceful, fragrant flowers composed of six petals, delicate ivory-white thickly studded with chocolate-crimson spots and striped through the center a golden yellow. 3 to 5 feet. July, September. Plant bulbs 8 to 10 inches deep. Mammoth bulbs, 35c; 3 for 90c; doz., \$3.00.

Henryii. This is really a yellow Speciosum, growing 8 to 10 ft. high. It likes to root among low shrubs, sending the stems up into the sunlight. Flowers are a bright apricot yellow. Blooms in July and August. Plant 9 inches deep. Large bulbs, 35c each; 3 for \$1.00; doz., \$3.50.

Philippinense Formosanum. A most beautiful large white trumpet shaped lily. Flowers suffused on exterior with reddish brown. Delightfully fragrant. Blooms in September. Plant 8 inches deep. 3 for 70c; doz., \$2.75.

Madonna Lily. Pure snow-white and very fragrant, borne on long stems. Produces a beautiful array of flowers in May or early June. Cover bulbs not to exceed 3 inches when planted. (Ready from August until ground freezes. First size bulbs, 30c each; 3 for 85c; doz., \$3.00.

Royal (Regale). One of the most beautiful yet introduced. 3 to 5 feet high, blooms in July; hardy and flourishes under varied conditions. Delicately scented flowers, produced freely, are ivory-white, shaded pink, tinged with canary-yellow. Plant 6 inches deep. Large flowering bulbs (6-7), 3 for 37c; doz., \$1.25; 100, \$9.00. Extra large bulbs (8-9), 3 for 58c; doz., \$2.00; 100, \$14.00. (Ready October.)

Speciosum Magnificum. Better than Rubrum. The form is white, flushed pink, and heavily spotted and banded with carmine. The stem is about 4 feet high and has fresh, green lance-shaped leaves. Late August and early September bloomer. Plant the bulbs 9 to 12 inches deep. First size bulbs, 35c each; 3 for 90c; doz., \$3.00.

Tiger Lily. The flowers are orange, spotted purple, opening in August and September on 2-4 foot stems. Plant bulbs 9 inches deep. 3 for 65c; doz., \$2.00.

Tenuifolium. Especially adapted for the rock garden. A small, slender lily growing 12 to 18 inches high, with bright scarlet flowers and recurved petals. Bloom in June. Plant 4 inches deep. 3 for 65c; doz., \$2.00.

Umbellatum Erectum. Hardy everywhere. Flowers in umbels three to five of rich orange shade, flushed red, spotted black. Grows 2-3 feet high and blooms in June-July; plant rather close together, about five inches deep. 3 for 65c; doz., \$2.25.

Hardy Lily Collection No. 45

Consists of 8 large size lilies: 3 Royal Lilies, 3 Philippinense Formosanum, 3 Tiger Lily. (Ready in October. Regular value \$1.72.) (See above for description.)

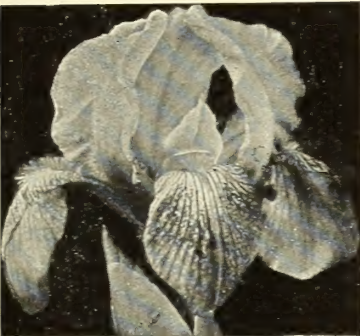
All postpaid for.....

\$1.25



Hardy Garden
"Orchids"

Dutch Bulbous Iris



Flag Iris

Dwarf Flag Iris (Pumila Hybrids)

Most attractive for Rock Gardens. Very showy. Early flowering. Height 8-10 inches. Separate colors—Violet-blue, White and Yellow. 15c each; \$1.50 per dozen; \$11.00 per 100.

Siberian Iris (Sibirica)

Orientalis. Rich, violet-blue; very free and one of the best. June, 2 to 2½ feet.
Snow Queen. Great merit; flowers snowy white.
Price—20c each; \$2.00 per dozen.

Dutch Iris (Bulbous) must be planted in the Fall.

Japanese Iris can be planted either Fall or Spring.

Flag Iris is much more successful in Fall, but planting may be done in Spring.

JAPANESE IRIS

Japanese Iris belong to the most magnificent of our garden flowers; a field of them in bloom is a most gorgeous sight. Even a single plant growing on the edge of a pool or stream never fails to bring forth favorable comment. The foliage is also very ornamental.

While they succeed in almost any soil and under any conditions, they delight in a rich, deep, moist situation.

Gold Bound—A fine double, pure white. Creamy glow at the gold-banded center.

Koko-No-Iro—Six large, royal purple petals, with a yellow center, radiating into lines.

Mahogany—Large double flowers, purple mahogany-red, the petals prettily crested. Latest to bloom.

Uchiu—Corulean blue, veined white, gold center. Blooms a long time. Double.

Fascination—Beautiful variety. Double mauve-pink, veined with white.

Price—Any of the above, each 40c; 3 for \$1.10; 12 for \$3.75. Postpaid.

DUTCH IRIS (Bulbous)

We are listing below what we believe to be the best distinct colors. They are excellent for growing, both under glass and in the garden also. When planted outdoors they should be covered with a mulch and the bulbs planted in a well-drained border, about 5 inches deep.

Celestial—Uniform purplish lavender.
Imperator—Brilliant deep blue with a bright golden yellow blotch on each of the standards. Particularly fine; strong growing.
Indian Chief—Violet standards; bronzy yellow falls.
Poggenbeek. Brilliant dark blue with yellow markings.

Rembrandt. A beautiful purplish blue with orange markings on the falls.
Therese Schwartz. Charming corn flower, blue, orange markings.
White Excelsior. Incomparably the largest and finest pure white.
Yellow Queen. Both the standards and falls are bright golden yellow. Early and most desirable.

Any of the above varieties, 3 for 18c; 65c doz.; \$4.50 per 100, postpaid.

Collections of Dutch Iris

Made up of Celestial, Imperator, Therese S, White Excelsior and Yellow Queen.

No. 64—3 bulbs each of these 5 varieties (15 bulbs, reg. val. 90c), postpaid...\$.75
No. 65—5 bulbs each of these 5 varieties (25 bulbs, reg. val. \$1.50), postpd..... 1.25
No. 66—12 bulbs each of these 5 varieties (60 bulbs, reg. val. \$3.23), postpd..... 2.70

FLAG IRIS (Germanica)

Avoid planting too deep, barely covering the rhizomes (creeping root stems) being sufficient. They are great drouth resisters. "S" refers to standards. "F" to falls. Numerals indicate height in inches.

P.-W.'s Iris Aristocrats

If by mail add extra 5c each; 10c for 3; 25c for 12, for postage.

Coppersmith—Very distinct, large flowered and tall. S. crimson purple; F. Indian lake shading to dahlia carmine, producing a wonderfully rich copper red velvet in the sun. Flower of heavy substance, fine, flaring form and exceptional finish. 42". 25c each.

Dauntless—40". Awarded the biggest honor a variety can receive, the Dykes Memorial Medal. The coloring in both the standards and falls is a rich velvety red. It will be some time before this variety is surpassed. 50c each.

El Capitan—28". A magnificent, most popular iris. Huge flowers of a soft lavender blue. Early. 35c each.

Freida Mohr—42". A gigantic pink-toned Iris of perfect form and brilliant coloring; fragrant. 25c each.

King Tut—30". One of the brightest of all. General garden effect bright glowing red. Standards cocoa-brown; falls Hessian brown. Every lover of a red Iris should have this one. 25c each.

Los Angeles—Immense white flowers of beautiful form and great substance, the standards faintly edged blue; outstanding. 35c each.

Midgard—36". A wonderful blending of pink and yellow. General effect, a rich shade of pink. Large flowers, perfectly formed. 25c each.

Mrs. Valerie West—40". Very large, rich deep crimson-brown; standard large, lavender shot with bronze. Strong stem. Well branched. 35c each.

Peerless—A magnificent flower, brilliant coloring giving the effect of a rich glowing light mahogany red. The standards are very erectly held with no tendency to "flop." 3¼ inches long and 8 inches wide, light reddish violet in color. 30c each.

Rayo De Sol—A clear, tall, well branched yellow self. 35c each.

William Mohr—29". This is probably the most remarkable hybrid ever raised. Mr. Mohr considered it his finest achievement. It has been named in his memory. The ground color is pale lilac, standards flushed darker, the whole flower beautifully veined Manganese violet. Form is perfect; stems strong and rigid. The rhizomes and foliage are small, the flowers immense. Should be hilled slightly above general ground level for surface drainage. 35c each.

P.-W.'s Collection of Six Iris Aristocrats No. 67

One each of Dauntless, Freda Mohr, Midgard, Peerless, Rayo De Sol and Wm. Mohr (six in all, regular price delivered, \$2.25).
All postpaid for..... **\$1.75**

Un-named Iris Separate to Color

Orange, white, yellow, blue, lavender, pink, purple and mixed. 10c each; \$1.00 per doz.; \$7.50 per 100. Prepaid.

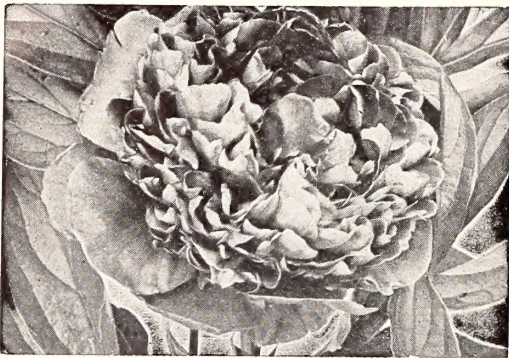
P.-W.'s Popular Iris Collections

Out of the many we have selected 25 varieties as outstanding in the low-priced field of present-day varieties. They cover a wide range of color, including about all the shades and tints known to Iris culture. The height will permit their being put in the same bed effectively.

Offer No. 68—1 each of the 25 varieties described above. Prepaid **\$2.25**

Offer No. 69—4 each of above (100 strong roots). Prepaid **\$8.00**

P.-W.'s Beautiful Double PEONIES



Richard Carvel

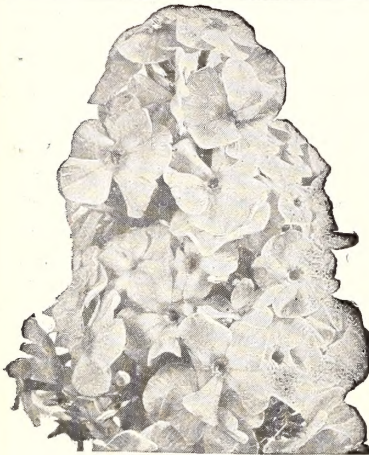
"MEMORIAL DAY" Peony Collection No. 184

In early or late seasons some of these varieties will be in bloom Memorial Day.

1 Officialis Rubra—Extra early red.....	50c each
1 Festiva Maxima—Early white	35c each
1 Edulis Superba—Early pink	40c each
1 Richard Carvel—Early red	75c each
1 Mons. Jules Elie—Early lilac pink.....	50c each

All of above, 5 large roots in all. (Regular value, \$2.75.) Prepaid for only.....

\$2.00



Hardy Phlox

DWARF ALPINE PHLOX For Rock Gardens

Sublata (Moss or Mountain Pinks)—Early spring flowering type; pretty moss-like evergreen foliage. We supply three colors—White, Pink and Purple. 3 for 55c; \$2.00 per doz.

Hardy Phlox Collection No. 183

Consists of 2 each of the following excellent varieties: CAROLINE VANDENBURG, Lavender Blue; ETHEL PRITCHARD, Mauve; COUNT ZEPPELIN, White; THOR, Salmon pink, and LEO SCHLAGETER, Scarlet. 10 in all, (Regular value,

\$2.20), postpaid

\$1.75

Bleeding Hearts (Dicentra)

Spectabilis — Its long racemes of graceful heart-shaped pink flowers are always attractive. Is perfectly at home in any part of the hardy border and especially valuable for planting in the shade. Strong roots. 40c each; 3 for \$1.00; \$3.00 per doz.

Lily of the Valley (Convallaria Majalis)

A wonderful ground cover for shady places.

American Pips (for outside planting only)—Extra strong. Pips, 25 for \$1.25; 100 for \$4.50; 250 for \$7.00.

Fern Leaved Peony

Tenuifolium. A very interesting, early flowering, red variety. Its delicate fringed fern-like foliage always attracts attention. It blooms very early before the popular Chinese varieties. Stock limited. \$1.50 each.

New Japanese Peony

Mikado—8.6. Japanese; dark, brilliant crimson petals, center cushion of golden yellow petaloids, crimson edged; long, wiry stems; an exquisite flower. 75c each.

Unnamed Double Peonies

Strong 3-5 eye divisions of good varieties which we have in surplus. We furnish these in separate colors.

Red, White and Pink. Each, 25c; \$2.50 per dozen.

If by mail add 5c each; 50c per doz. extra for pkg. and postage.

BEST THREE

Peony Collection No. 185

Unquestionably here are the three finest in their color group known to cultivation in the peony world today.

Solange—Cream tinged amber	\$1.00 each
Walter Faxon—Best pink	\$1.00 each
Philippe Rivoire—Deep velvet red	\$2.00 each

(Regular value, \$4.15.)

Postpaid.....

\$3.50

CHINESE TREE PEONIES

These new hybrids form shrubby, bushy plants 3-4 feet high which are literally covered with immense flowers 8 inches across. Very hardy, and a marvelous substitute for Rhododendrons, fitting into similar landscape situations.

Reine Elizabeth—Salmon-pink. Pot plants \$3.50 each.

Souvenir de Ducher—Sparkling violet, silvery reflex. Pot plants \$3.50 each.

Souvenir de Maxine Cornu—Deep yellow, shaded orange; fragrant. Pot plants \$5.00 each.

HARDY PHLOX

B. Comte—Rich French purple.

Beacon—Bright cherry red.

Caroline Vandenburg — Magnificent large, true lavender-blue.

Commander — New bright crimson, dark eye.

Count Zeppelin—Pure white with vermilion eye.

Ethel Pritchard — A French mauve.

Price—Any of above good root divisions: Each, 20c; dozen, \$2.00.

LEO SCHLAGETER

A perfectly beautiful new brilliant scarlet. Flowers seem to glow with fire. Full rich heads are produced on vigorous plants 3 to 4 feet high. Considered the best red Phlox in cultivation. Each, 30c; 3 for 75c; dozen, \$2.50.

Mrs. Jenkins—Pure white.

Rynstrom—Deep rose-pink.

Thor—Lovely shade deep salmon-pink.

Price—Any of above good root divisions: Each, 20c; dozen, \$2.00.

NEW COLUMBIA PHLOX

U. S. Plant Patent No. 118—Lovely soft salmon-pink with eye of very light blue lending a charming effect upon the general color of the flower. Very hardy. Price, 30c each; 3 for 75c; dozen, \$2.50.



Lily of Valley

Fall is the time to plant Hardy Trees, Shrubs and Perennial Plants

BEAUTIFUL PEONY — QUEEN OF THE GARDEN

All f.o.b. Salt Lake City. If by mail add 8c per plant; 50c per dozen extra for packing and postage.

Probably no perennial is more universally acclaimed and loved, and we know of none that justifies such popularity more than the Peony.

Peonies are best planted from the latter part of Sept. until the ground freezes in the Mountain States.

An important point to observe in the planting of Peonies is not to plant too deep. The roots should be placed so that the crowns are covered with 2 or 3 inches of soil. Too deep planting is a frequent cause of shy flowering. Proper distance apart is from 3½ to 4 ft.

Albert Crousse—8.6. Bomb type. Late. Shell pink. Center slightly flecked crimson. Large, compact, vigorous. 50c each; \$5.00 per doz.

Baroness Schroeder—9.0. Rose type; late. White with flesh shading. One of the finest Peonies. Its immense flowers of great substance with high chalice-shaped center are freely produced, lasting a long time. Very fragrant. 50c each; \$5.00 per doz.

Duchess de Nemours—8.1. Guard petals white, center lemon-yellow, cup-shaped; at first it develops into a large bloom, gradually fading to white; fragrant; strong grower and free bloomer. Extra good commercial variety. 40c each; \$4.00 per doz.

Edulis Superba—7.6. This is the famous Decoration Day Peony. Color a beautiful bright, clear pink, with silvery reflex. 40c each; \$4.00 per doz.

Felix Crousse—8.4. Large, ball-shaped bloom; very brilliant red. One of the finest self-colored varieties. 40c each; \$4.00 per doz.

Festiva Maxima—9.3. Magnificent white. Very early. 35c each; \$3.50 per doz.

Grover Cleveland—8.2. Rose type. Late. Dark crimson. Very large and full. Tall. One of the best red varieties. 50c each; \$5.00 per doz.

Karl Rosenfield—8.8. Large, globular, compact, semi-rose type; Dark crimson. Midseason. Very fine. 45c each; \$4.50 per doz.

LeCygne—9.9. (The Swan). "One of the three finest peonies," says Mrs. Harding. The curving petals of this magnificent flower are arranged like the feathers on a swan's wing. "Symmetrical, globular, of great size, fragrant, free-blooming, and milk-white." Has the highest rating of any Peony. Early midseason. Each, \$2.00.

Marie Jacquin—8.3. Midseason. Semi-rose type. Known as the "Water-Lily Peony." Very interesting on account of its variable forms. Color is a most delicate flesh tint that gives way to lilac white. Semi-double; blooms in profusion. 50c each; \$5.00 per doz.

Martha Bullock—9.1. Immense flowers of bright old-rose-pink that are often 9 to 12 inches in diameter. Very tall, fragrant; late. \$1.00 each.

Mme. Jules Dessert—9.4. White, shaded with buff and salmon tints, large flower. Med. height, strong grower. Midseason. A superior variety. 75c ea.; \$7.50 per doz.

Mons. Jules Elie—9.2. Immense globular, very full flowers. Color glossy lilac-pink, shading to deeper rose at base, the entire flower overlaid with a sheen of silvery hue. 50c each; \$5.00 per doz.

Mons. Martin Cahuzac—8.8. Dark, purple-garnet with black reflex. Perhaps the darkest colored peony in existence. Much sought after by fanciers. \$1.00 each; \$10.00 per doz.

Officinalis Rubra. Extra early, large globular, brilliant crimson. The very popular old time "Piney" first of all in peonies to bloom in spring. 50c each; \$5.00 per doz.

Philippe Rivoire—9.2. Considered the leading new bright rich crimson. Comes into bloom late midseason.



A Clump of Mons. Jules Elie

A wonderful show flower and absolutely void of stamens; pleasing fragrance. The highest rated red peony. \$2.00 each; \$20.00 per doz.

Philomele—7.7. Striking flower. Guards bright violet rose. Center deep golden yellow, changing to amber-cream with small crown of bright rose, edged crimson. Midseason Anemone type. An unusual sort. 35c each; \$3.50 per doz.

Richard Carvel—8.8. Bright crimson, large, bomb type; tall, profuse bloomer. Very fragrant. A magnificent early peony. 75c each; \$7.50 per doz.

Rubra Superba—7.2. Magnificent rich brilliant crimson. Very large, full, and double. Highly fragrant. One of the best late red peonies. 40c each; \$4.00 per doz.

Sarah Bernhardt—9.0. Late mid-season. One of the strongest growing varieties, flowers of remarkable size, full and double, of unusual perfection of form. Color a beautiful mauve-rose with silver tips. 75c each; \$7.50 per doz.

Solange—9.7. A truly marvelous variety. Its flower is high built, compact, and composed of large, thick petals which closely overlap. The color is deep cream, tinged with amber throughout, with a touch of soft, salmon-pink glowing from the center. Late. \$1.00 each.

Therese—9.8. Violet-rose, changing to lilac-white; mid-season. Considered the most nearly perfect peony in cultivation. \$1.00 each; \$10.00 per doz.

Walter Faxon—9.3. A new semi-rose type midseason variety. Is the most vivid of all pink peonies. Flowers are medium size of attractive form and delightfully fragrant. It tops all as a show peony. \$1.00 each; \$10.00 per doz.

NOTE: Figures following varieties indicate the rating given them by the American Peony Society. The highest rating a peony can receive is 10. There is no variety yet with such a rating; 9 is excellent, 8 is very good, 7 is good.

All Season Flowering Collection No. 180

	Each
1 Officinalis Rubra, Extra Early Red.....	50c
1 Richard Carvel, Early Red.....	75c
1 Mons Jules Elie, Early Pink.....	50c
1 Mme. Jules Dessert, Mid-season White.....	75c
1 Grover Cleveland, Late Red.....	50c
1 Albert Crousse, Late Pink.....	50c

All of the above, 6 large roots in all,
(Regular delivered price, \$3.90)
Prepaid for only.....

\$3.00

P.-W.'s HARDY PERENNIAL PLANTS AND SEEDS

Seeds are postpaid. If plants are sent by mail add 5c each; 30c per dozen for postage. The dozen rates are ten times the each prices quoted below.

	Seeds per pkt.	Plants each		Seeds per pkt.	Plants each
Achillea, Ptarmica, The Pearl. All summer. Pure white	\$.15	\$.15	★Hollyhock, Double. 6-8 ft. Aug.-Sept. 7 colors	\$.10	\$.15
Agrostemma, Coronaria Mixed. 1-2 ft. June-Sept. Mixed	.10	.15	Lathyrus Latifolius. 6 ft. All summer. Mixed colors	.10	.15
Anemone, Pulsatilla. 1 ft. April. Large single. Reddish-purple	.20	.15	Lavendula Vera. 18 in. This is the true sweet lavender. July and August	.10	.15
Anemone, Sylvestris. 1-1½ ft. April, May. White	.15	.15	★Linum, Perenne. 1½ ft. All summer, large blue flowers	.10	.15
Anchusa, Italica, Dropmore. 5 ft. June-July. Gentian blue	.15	.15	Lupinus, Polyphyllus. 3 ft. May-June. Clear blue	.10	.15
Anthemis Kelwayi (Hardy Marguerite). 2 ft. Daisy-like yellow blossoms are produced all summer	.15	.15	Lupinus, Russell. 2½-3 ft. June-Sept. Mixed	.25	.25
Boltonia, Latisquama. 4-5 ft. July-Oct. Pink	.15	.15	Lychnis, Campion, Chalcedonica. 2-3 ft. June-July. Orange	.10	.15
Betonica, Grandiflora. 1 ft. Red purple	.15	.15	Lychnis, Viscaria. 16 in. Deep rose	.15	.15
Campanula, Glomerata Superba. 20 in. June-July. Dark violet	.15	.15	Lythrum, Roseum. 40 in. Rose-pink	.15	.15
Campanula, Persicifolia Coerulea. 30 in. June-July. Double blue	.25	.15	Oenothera, Frazeri. 12 in. Deep yellow	.15	.15
Canterbury Bells, Calycanthema. 2 ft. June-Aug. 3 colors: Blue, pink, white	.10	.15	Ornamental Grass, Festuca Glauca. 1 ft. Blue-green		.40
★Canterbury Bells, Campanula Medium. 2 ft. Double and single	.10	.15	Erianthus Ravennae (Pampas Grass). 10 ft.		.50
Canterbury Bells, Campanula Pyramidalis. 5-6 ft. Mixed	.10	.15	Eulalia Japonica. 6-7 ft. Silver gray plumes		.40
Carnation (Separate colors). 12 in. Double red, Double yellow, Double white. Produces flowers of good size on long stems; lovely for cutting. Hardy everywhere	.25	.15	Eulalia Gracillima Univittata. 6-7 ft. Narrow green foliage; plumed		.40
★Carnation, Double Mixed. Blooms all summer. Large double	.15	.15	Papaver, Nudicaule. Yellow, orange or white	.10	.15
Centaurea, Dealbata. 2 ft. July-Sept. Rose-pink	.15	.15	Papaver, Oriental Red. 3 ft. Gorgeous colors	.10	.15
Centaurea, Montana Blue. 2 ft. June-Sept. Beautiful blue	.10	.15	Papaver, Oriental New Hybrids. 3 ft. Mixed colors. May-June	.10	.15
Cerastium, Tomentosum. 4 in. All summer. White	.15	.15	Pentstemon, Large Flower. Newest Hybrids. Good assortment	.15	.15
Cheiranthus, Allioni. 1 ft. Dazzling fiery orange	.10	.15	★Platycodon, Grandiflorum. 1-2 ft. Deep blue flowers	.10	.15
Chrysanthemum, Mawii. 1 ft. Rich pink	.35	.15	Polemonium, Coeruleum. 2 ft. Beautiful sky-blue	.10	.15
★Columbine, P.-W.'s Long-Spurred Hybrids. Choice mix	.15	.15	★Pyrethrum, Roseum Single. Choice selected strain	.25	.15
★Columbine, Double Flowering. All colors mixed	.10	.15	Physostegia, Virginiana. 3 ft. June-Sept. Delicate pink	.10	.15
★Coreopsis, Lanceolata Grandiflora. 2 ft. Orange-yellow	.10	.15	Rudebeckia, Hirta fl. pl. 5-7 ft. July-Oct. Yellow	.25	.15
Delphinium Belladonna. Light blue	.15	.20	Salvia, Pitcheri. 4 ft. Aug.-Sept. Blue. Fine	.10	.15
Delphinium Bellamosa. Dark blue	.15	.20	Scabiosa, Fischeri. 2½ ft. Blue-purple	.15	.15
Delphinium, New Pacific Hybrids. Blue shades, Mammoth Spikes	.50	.30	★Shasta Daisy, Alaska. 2 ft. All summer. Large white	.10	.15
Pastel shades, Mammoth Spikes	.50	.30	Shasta Daisy, New All Double. 18 in. Pure white and all double	.25	.20
White giants, Mammoth Spikes	.75	.30	Sidalcea, Rose Queen. 2-3 ft. June-July. Bright rose	.10	.15
★Delphinium, Wrexham Hybrids. Huge spikes. 6 ft.	.25	.25	★Statice, Latifolia. 2 ft. Dense deep blue	.10	.15
Digitalis, Grandiflora. 2-3 ft. June-July. Yellow and brown	.15	.15	Stokesia, Cyanea. 18 in. July-Oct. Rich blue	.10	.15
★Digitalis, Gloxiniaeflora, Mixed. 3-5 ft. June-July	.10	.15	Sweet William, Sgl. Gt. Flr. Red and pink. Good mixture	.10	.15
Euphorbia, Myrsinitis. 3 in. June-July. Large yellow	.15	.15	Sweet William, Dbl. Gt. Flr. Wide color asst.	.15	.15
★Gaillardia, Grandiflora Mixed. 18-24 in. June all season	.10	.15	Thalictrum, Dipterocarpum. 4-5 ft. Aug.-Sept. Rosy-purple	.25	.15
Geranium, Sanguineum. 18 in. Entire season. Crimson	.15	.15	Tritoma, Grandis (Pfitzer). 3 ft. Aug.-Sept. Orange-scarlet	.15	.20
Gypsophila, Paniculata. 2-3 ft. July-Aug. White lace-like	.10	.15	★Valerana, Coccinea. 2 ft. June-Oct. Showy old rose	.10	.15
Helenium, Riverton Gem. 2-4 ft. Aug-Oct. Crimson and old gold	.15	.15	Verbascum, Phoeniceum Hyb. 2 ft. Mixed	.15	.15
Hemerocallis (Yellow Day Lily). 3 ft. June-July	.15	.15	Veronica, Longifolia Subsessilis. 2-3 ft. July-Sept. Deep blue	.15	.15
Hesperis. 30 in. May-June. Red, white	.10	.15	Yucca, Filamentosa. 5-6 ft. June-July. Creamy-white	.10	.25
Heuchera, Brizoides. 30 in. May-June. Flesh-pink	.15	.15			
Heuchera, Sanguinea. 2 ft. July-Aug. Crimson-scarlet	.25	.15			
Hibiscus, Mallow Marvels. 3-5 ft. Aug-Sept. Mixed	.10	.15			

Star Perennial Plant Collection Offer No. 71

Consists of 1 plant each of the above 15 varieties marked with a star (★).
(Regular value \$2.60).
All prepaid for. **\$2.00**

Star Perennial Seed Collection Offer No. 72

Consists of 1 pkt. each of the above 15 varieties marked with a star (★).
(Regular value \$1.70).
All prepaid for. **\$1.25**

ROCK GARDEN SEEDS AND PLANTS

Seeds are postpaid at prices listed. If plants are to be mailed add 5c each; 30c per dozen for packing and postage.

	Seeds per pkt.	Plants each
Achillea , Tomentosa. 6-8 in. July-Sept. Bright yellow.....	\$.10	\$.15
Alpine Aster , Dwarf, Alpinus. 6-10 in. May-June.....	.25	.15
Alyssum , Argenteum. 1 ft. All summer. Dwarf yellow.....	.10	.15
Alyssum , Saxatile Compactum. 1 ft. June Golden.....	.10	.15
Arabis , Alpina. 6 in. Pure white flowers....	.10	.15
Aubrietia , Bougainvillei. 6 in. Early spring. Dark blue.....	.25	.15
Calamintha , Alpina. 6 in. June. Small blue flowers.....	.25	.15
Campanula , Rotundifolia. 6-12 in. June- July. Blue.....	.15	.15
Canterbury Bells , Carpatica. 8 in. June Oct. White or blue.....	.15	.15
Canterbury Bells , Garganica. June. Starry light blue.....	.25	.15
Dianthus , Caesius. 1 ft., May-June. Rose- pink.....	.25	.15
Dianthus , Graniticus. 4 in. May-June. Crimson.....		.15
Dianthus , Deltoides. 8 in. Delicate pink, feathery.....	.25	.15
Dianthus , Plumaris. Low-growing single or double.....	.10	.15
Feverfew , Little Gem. 18-24 in. June-Oct. Double white.....	.10	.15
Gypsophila , Repens. Dwarf white Baby's Breath.....	.15	.15
Helianthemum , Mutabile. 8-12 in. July- Aug. Mixed.....	.10	.15
Iberis , Sempervirens. 6-10 in. Early sum- mer. White.....	.15	.15
Linaria , Dalmatica. 3-4 ft. June-Sept. Bright yellow.....	.10	.15
Nepeta , Mussini. May-Sept. Lavender-blue flowers.....	.25	.15

	Seeds per pkt.	Plants each
Potentilla , Aurea. 6 in. Yellow.....	\$	\$.15
Primula Auricula Alpina . 6 in. An excel- lent rock garden species with thick, attrac- tive foliage, bearing many color shades.....	.20	.15
Saponaria , Ocymoides. 9 in. All summer. Bright rose.....	.10	.15
Sedum , Acre. 3 in. May-June. Yellow.....	.25	.30
Sedum , Brilliant. 12 in. June-July, Scarlet..	.25	.30
Sedum , Stolonifera. 6 in. July-August. Pur- plish-pink, flat.....	.25	.30
Silene , Schafta. 4-6 in. July-Oct. Bright pink flowers.....		.15
Thymus , Serpyllum Coccineum. 2 in. June- July. Dark red.....	.25	.15
Tunica , Saxifraga. All summer. Light pink flowers.....	.10	.15
Veronica , Rupestris. 3-4 in. Cloud of bright blue.....	.15	.15
Veronica , Rupestris Nana. 1 in. April-May. Deep blue.....	.15	.15
Vinca , Mionr. 4 in. June. Lg. blue flowers..		.15
Viola , Jersey Gem. Single. Extra large, deep blue.....	.10	.15

Hardy Rock Garden Perennial Plant Offer No. 74

Consists of 1 plant each of the following:

Alyssum Saxatile	Sedum Brilliant
Aubrietia Bougainvillei	Silene
Dianthus Deltoides	Tunica
Linaria Dalmatica	Veronica Rupestris Nana

8 plants in all (regular prepaid value \$1.60), prepaid for only..... **\$1.25**

Rock Garden Perennial Seed Offer No. 75

1 pkt. each of the 8 varieties listed under Offer No. 74 (regular value \$1.35). All postpaid for..... **\$1.00**

N. B.—Where the each price is 15c the dozen rate is \$1.50, the hundred rate is \$11.00. If by mail add 5c per plant; 30c per doz. plants extra for packing and postage.

HARDY ANNUAL FLOWER SEEDS (For Fall Sowing)

Fall sowing of hardy annuals is very rightly becoming more popular every year as practically all hardy annuals will produce stronger, sturdier plants with earlier bloom by this method. Even when it is desirable to sow in the spring, experienced gardeners also sow in the fall because they then have a longer bloom period. The ideal time for planting in the Mountain States and areas of similar climatic conditions, is the latter part of November or early December, just before the ground freezes. If the ground is properly prepared in the fall, sowing can be made during winter thaws.

Alyssum , Little Gem. Pkt., 10c; ¼ oz., 25c.
Antirrhinum (Snapdragons), P.-W.'s Special Mixture. Pkt., 15c; ½ oz., 25c.
Calendula , Orange King. Pkt., 10c; ¼ oz., 25c.
Calliopsis , P.-W.'s Special Mix. Pkt., 10c; ¼ oz., 25c.
Candytuft , Gt. Hyacinth-Flowered White. Pkt., 10c; ¼ oz., 25c.
Centaurea , Cyanus (Bachelor's Button), P.-W.'s Special Mix. Pkt., 10c; ¼ oz., 20c.
Chrysanthemum , P.-W.'s Special Double and Single Mixed. Pkt., 10c; ¼ oz., 25c.
Clarkia , P.-W.'s Special Mixture. Pkt., 10c; ½ oz., 25c.
Cosmos , Early Flowering Mammoth Mixed. Pkt., 10c; ¼ oz., 20c.
Cynoglossum , Amabile. (Chinese Forget-Me-Not), 18-24 in. Pkt., 10c; ¼ oz., 20c.
Dianthus , P.-W.'s Special Double and Single Mixtures. Each, Pkt., 10c; ½ oz., 30c.
Eschscholtzia , P.-W.'s Spec. Mixture. Pkt., 10c; ½ oz., 25c.
Erysimum (Fairy Wall Flower), Orange Flowers. 2 ft. Pkt., 10c.
Euphorbia , Variegata (Snow on the Mountain). Pkt., 10c; ¼ oz., 25c.
Gypsophila , Elegans Grandiflora White (Angel's Breath). Pkt., 10c; ½ oz., 20c.
Hunnemannia , Fumariaefolia (Bush Eschscholtzia). Pkt., 10c; ¼ oz., 25c.
Larkspur , P.-W.'s Special Giant Mixture. Pkt., 15c; ¼ oz., 25c.
Linum (Blue Flax). Pkt., 10c.
Lupinus , Tall annual mixed. Pkt., 10c.

Mignonette , Mixed. Pkt., 10c; ½ oz., 20c.
Nicotiana , Affinis (Sweet-scented Tobacco Plant). Pkt., 10c; ¼ oz., 25c.
Nigella , Miss Jekyll (Love-in-the-Mist). Pkt., 10c; ¼ oz., 15c.
Petunia , P.-W.'s Single Bedding Mixed Colors. Pkt., 10c; ½ oz., 25c.
Pansies , P.-W.'s International Mixture. Mammoth flowers, gorgeous colors. Pkt., 25c; 1/16 oz., 60c.
Poppy , P.-W.'s Special Shirley Mixed. Pkt., 10c; ½ oz., 25c.
Scabiosa , P.-W.'s Special Mixed. Pkt., 10c; ¼ oz., 25c.
Silene , Armaria Mixed. 1½ ft. Pkt., 10c.
Sweet Peas , P.-W.'s Special Mixture. Early flowering. Spencer varieties. Pkt., 10c; oz., 35c.
Viola Cornuta , P.-W.'s Improved Scotch Pansies, Mixed. Pkt., 10c; ½ oz., 35c.

Collection Offer No. 83

Consists of 1 pkt. each of following charming annuals:

Centaurea, Cyanus,	Dianthus, P.-W.'s Dbl. Mxd.
P.-W.'s Mixed	Larkspur, P.-W.'s
Calliopsis, P.-W.'s Sp. Mxd.	Giant Mixed
Cynoglossum, Amabile	Snapdragon, P.-W.'s
	Giant Early Mixed

6 pkts. in all (Regular value, 70c)..... **50c**
All postpaid for.....

P.-W.'s BROAD-LEAVED EVERGREENS

All Evergreens are quoted f.o.b. Salt Lake City. See page 23 for quantity price schedule. We advise Freight or Express. Most sizes are too large and heavy for Parcel Post shipment.

Berberis (Barberry)

Mentor Barberry (*Berberis Mentorensis*)—U. S. Pat. No. 99. New hardy evergreen barberry that is most interesting and outstanding. It is extremely hardy, having been exposed to temperatures of 30° below zero without a loss, and will grow in all kinds of soil and under all conditions. Ideal shrub for low hedges or foundation plantings. (See cut.) 15-18 in., 60c each; 3 for \$1.50; 12 for \$4.50; \$35.00 per 100.

Specus—Very similar in habit to *Wilsonae*. It grows to a height of 4-5 ft., gray-green foliage turning to a brilliant

reddish bronze in the Fall. Flowers borne in dense yellow clusters followed by orange-red berries in the Fall. Very hardy and vigorous growth. 18-24 in., \$2.00; 24-30 in., \$2.50; 30-36 in., \$3.00.

Triacanthophora—Of low spreading habit with dark bluish-green foliage and golden flowers; berries are purplish-blue. 12-15 in., \$1.25.

Wilsonae (*Wilson Barberry*)—4 ft. Gray-green foliage turning a brilliant reddish bronze in Fall. Flowers golden-yellow in dense clusters; salmon-red berries in the Fall. 18-24 in., \$2.00.

Cotoneaster (Semi-Evergreen)

Prostrata Horizontalis—Low, flat spreading, bright glossy green, very attractive. Covered in April with masses of tiny pink flowers and in the Fall with minute brilliant scarlet berries and foliage. 12-15 in., \$1.50; 15-18 in., \$1.75; 18-24 in., \$2.25.

Divaricata—White. June. Semi-evergreen, quite erect. Leaves are dark green and usually adhere late in the season. Showy bright red fruit borne on the slender, erect branches all along the stems. B & B 2-3 ft., \$1.50; Bare Root, 2-3 ft., \$1.00.

Euonymus

Japanese Green and Golden Variegated—These are upright shrubs of moderate size, rather compact growth. Foliage is green, or green with yellow center, depending on variety ordered. Bush form either type. 15-18 in., \$1.00.

Boxwood

Sempervirens—For a low, permanent hedge, nothing could be better because the growth is slow and therefore little pruning is required. 18-24 in., \$4.00. Sheared specimens, 30-36 in., \$7.50.

Daphne

(Garland Flower)

Cneorum—An evergreen, hardy plant, with closely set, glossy, narrow leaves. Blooms in May in round clusters of bright pink fragrant blossoms. Borne in great profusion. 12-15 in., \$3.00.

Those who are unacquainted with nursery materials are invited to visit our Centerville nurseries during the growing season. A more intelligent selection can then be made. Visitors are always welcome.



Mahonia Aquifolia



Berberis Wilsonae



Mentor Barberry (U. S. Pat. No. 99)

Mahonia

Aquifolia (Oregon Grape or Holly-leaved Ashberry)—Beautiful evergreen shrub with smooth, shining holly leaves; bright yellow flower clusters in May and blue berries. The leaf color varies capriciously throughout the year, assuming all shades of green, with flecks of red and bronze. 18-24 in., \$2.00; 24-30 in., \$2.50.

Pyracantha

Fire Thorn (Burning Bush) (*P. coccinea Lalandii*)—Deservedly popular on account of its clean, upright growth, bearing to great profusion of small flowers in flat corymbs, followed by a mass of orange-red berries in early Fall which remain on the plant until spring; firm green foliage. Attains height of 10 ft., but can be trimmed to any lower height desired. 15-18 in., \$1.25; 18-24 in., \$1.95; 24-30 in., \$2.50; 30-36 in., \$2.90; 36-40 in., \$3.90.

Plant Firethorn for a gorgeous mass of Fall and Winter Beauty.



Pyracantha Lalandi (Fire Thorn)



Daphne Cneorum

P-W's Hardy Evergreens

Juniper (Juniperus)

Chinese Pyramidalis Blue (Column Juniper)—Very hardy and retain desirable blue color effect during the winter; growth resembles the well-known Italian Cypress. 18-24 in., \$3.50; 30-36 in., \$4.25; 3-4 ft., \$5.50; 4-5 ft., \$8.00; 5-6 ft., \$10.50; 6-7 ft., \$13.00.

Hibernica (Irish)—Very narrow pyramidal form, useful for its spiral-like effect. 15-18 in., \$2.00; 18-24 in., \$3.75; 24-30 in., \$4.50.

Horizontalis Depressa Plumosa—Very low-creeping, forming a mat of green with slight bluish tint. 15-18 in. spread, \$2.50; 18-24 in., \$3.50.

Pfitzer Juniper (J. Chinensis Pfitzeriana)—Handsome semi-dwarf creeping junipers. 12-15 in., \$2.00; 15-18 in., \$2.90; 18-24 in. spread, \$3.50; 24-30 in., \$4.50; 30-36 in., \$5.50; 3-4 ft., \$7.00.

Sabina (Savin Juniper)—A semi-erect, bushy plant; useful for grouping and foundation planting. Foliage an even shade of medium green. 15-18 in., \$3.00; 18-24 in., \$4.00.

Sabina Tamariscifolia—Produces a dense, compact mat of gray-green foliage spreading 6-7 ft. and never more than 18 inches high. 15-18 in., \$3.50; 18-24 in., \$4.25.

Squamata Meyeri (Meyer Juniper)—Most unusual in color and habit. Plump, pointed and prickly foliage. A distinct blue color. Prostrate. Irregular growth. 18-24 ft., \$4.75.

Scopulorum (Colorado Juniper)—Narrow, compact, and symmetrical. One single stem, in contrast to some varieties of Junipers with several; safe from heavy snows and wind; remains a good healthy color throughout the year. It is a tree that thrives in dry weather. 18-24 in., \$3.50; 30-36 in., \$5.00; 3-4 ft., \$6.00; 4-4½ ft., \$7.00; 4½-5 ft., \$8.00; 5-5½ ft., \$9.00; 5½-6 ft., \$10.00; 6-6½ ft., \$11.00; 6½-7 ft., \$12.00; 8-9 ft., \$15.00.

Virginiana Pyramidiformis (Dundee Juniper)—10 ft. Foliage is bluish gray in the spring and summer, changing to a plum shade in the fall. You can create new interest in your plantings by using this unusual type. The growth is conical with dense branches, naturally formal without trimming. 4-5 ft., \$9.50.

Virginiana Cannarti (Cannart Red Cedar)—Deep rich green heavily tufted foliage; middle size reaching 12 to 15 feet. It can be easily trimmed and thus maintained at any size wanted. 15-18 in., \$3.00; 18-24 in., \$4.50; 24-30 in., \$6.00; 4-5 ft., \$9.50.

Virginiana Keteleeri—Hardy evergreen of pyramidal, formal outline; deep green scale-like leaves. Compact habit. Very hardy. 3-4 ft., \$6.00; 5-6 ft., \$10.00.

Spruce (Picea)

Black Hills Spruce—Very compact and symmetrical in all stages of growth. Extremely hardy, color of fol-

iage bright green to bluish tints. 2½-3 ft., \$5.50; 3-3½ ft., \$6.50; 3½-4 ft., \$8.00; 4-5 ft., \$10.00; 5-6 ft., \$12.00.

Koster's Blue—The aristocrat of the evergreen family, by far the shapeliest spruce, and the truest, most persistent blue in color of any known tree. Formerly imported from Europe, but now again in American propagation. 12-15 in., \$5.00; 18-24 in., \$6.50; 2½-3 ft., \$9.00; 3-3½ ft., \$14.00; 4-5 ft., \$18.00; 5-6 ft., \$22.00.

Blue Spruce (Picea Pungen Glauca)—It is the rare blue of any evergreen; fine compact habit. (Utah State Tree) 12-15 in., \$2.50; 1½-2 ft., \$5.00; 2-2½ ft., \$6.50; 2½-3 ft., \$7.50; 3½-4 ft., \$10.00; 4-5 ft., \$12.00; 5-6 ft., \$15.00.

Colorado Spruce (Picea Pungen)—Similar to above except foliage is light green. 1½-2 ft., \$3.00; 2-2½ ft., \$5.00; 2½-3 ft., \$6.00; 3-4 ft., \$7.00.

Norway—Effective in groups or for hedges and wind breaks. Foliage is rich, dark green and this variety is most commonly used for Christmas trees. 1½-2 ft., \$3.00 each; 2½-3 ft., \$4.00 each.

All Evergreens are quoted f.o.b., Salt Lake City. See page 22 for quantity price schedule. We advise Freight or Express. Most sizes are too large and heavy for Parcel-Post shipment.



Koster Blue Spruce



Sabina Tamariscifolia



1—Virginiana 2—Pfitzer
3—Oriental Thuya



"Utah State Tree"
Blue Spruce (Picea Pungen)



Thuya Berkman's Golden

Evergreens (Continued)

Pine (Pinus)

Austrian Pine—The leaves are two in a sheath, straight and slender, from 4 to 5 inches long, of a deep, rich green color. Coal, gas and smoky atmosphere have no effect on its growth. 18-24 in., \$3.50; 3-4 ft., \$6.00 each.

Mugho (Dwarf Pine)—Leaves short, and formal, thickly distributed in tufts over the branches; globular form. 10-12 in., \$1.75; 12-15 in., \$2.25; 15-18 in., \$3.25; 18-24 in., \$4.25; 24-30 in., \$5.00.

Thuya (Arborvitae)

Thuya Beverleyensis (Golden Tinged Column Arborvitae)—15 to 20 ft. The tallest and stateliest of Arborvitae, growing into a narrow pyramidal column of golden green foliage. 18-24 in., \$2.75; 24-30 in., \$3.50; 30-36 in., \$4.00; 3-4 ft., \$5.00; 4-5 ft., \$7.50; 5-6 ft., \$8.75.

Thuya Globosa (Globe Arborvitae)—Forms a dense low globe; handsome shade of green. 18-24 in., \$3.75.

Thuya Meldensis—Pyramidal in shape, of dense growth; foliage a deep shade of green. Dwarf habit, 15-18 in., \$2.25; 18-24 in., \$3.00; 24-30 in., \$3.75; 30-36 in., \$4.50.

Thuya Orientalis Aurea Nana (Berckman's Dwarf Evergolden Arborvitae)—The most wanted Arborvitae. Very

dwarf, golden tipped, oval shape. Always shapely and beautiful. 10-12 in., \$1.50; 12-15 in., \$1.75; 15-18 in., \$2.25; 18-24 in., \$3.00; 24-30 in., \$3.75; 30-36 in., \$4.50; 36-40 in., \$5.00.

Thuya Orientalis Pyramidalis (Chinese Arborvitae)—Comparatively low, broadly pyramidal tree. Color yellowish-green. 18-24 in., \$3.00; 24-30 in., \$3.50; 30-36 in., \$4.50; 3-4 ft., \$5.50; 4-5 ft., \$6.50; 5-6 ft., \$8.00.

Thuya Pyramidalis Occidentalis (Pyramidal Arborvitae)—Compact, erect. Foliage a deep green, retaining color. 18-24 in., \$3.00; 24-30 in., \$3.50; 30-36 in., \$4.50; 3-4 ft., \$6.00; 4-5 ft., \$7.75; 5-6 ft., \$9.50; 6-7 ft., \$11.00.



Thuya Beverleyensis

Landscape Plans and Advice

This service is cheerfully rendered to all our customers desiring it. A commercial Landscape Architect, with wide, practical experience, is in charge and the same careful attention will be given the smallest home grounds as is accorded to the largest estates.

A post card signifying your interest will put you in immediate touch with this invaluable service.

Ornamental Trees

Ailanthus (Tree of Heaven)

Grandulosa—A rapid growing, lofty tree, long, elegant foliage. Exempt from disease and insects. 6-8 ft., \$1.50 each; 8-10 ft., \$1.75 each; 10-12 ft., \$2.25.

Ash (Fraxinus)

American White—A rapid growing native tree of fine symmetrical outline. Price—5-6 ft., 75c each; 6-8 ft., \$1.25 each; 8-10 ft., \$1.75 each.

Green Ash—Shapely round top with dark green foliage. Price—3-4 ft., 75c each; 5-6 ft., \$1.00 each; 6-8 ft., \$1.50 each; 8-10 ft., \$1.75 each.



At left—European Mountain Ash
At right—Green Ash

European Mountain Ash—Flowers white, in flat clusters, four to five inches broad, followed by rather large, red berries. Very handsome at any season. 6-8 ft., \$2.50 each.

Birch (Betula)

Cut Leaved Weeping Birch—The main trunk has snow-white bark and grows straight as an arrow. Branches spread but slightly, while the fine slender shoots hang vertically. The foliage is fine and deeply cut. Very beautiful. 5-6 ft., \$2.50; 6-8 ft., \$2.75; 8-10 ft., \$3.00.

European White Birch (Betula Alba)—Tall, upright, distinctive white bark. 6-8 ft., \$1.50.

Box Elder

Ash-Leaved Maple—A fine, rapid-growing avenue tree, withstands both cold and drought; thrives where others fail. 8-10 ft., \$1.00.

Catalpa

Bungel (Umbrella Tree)—Beautiful globe-shaped tops being grafted high on clean, straight stems. One year head, \$2.00; 2-year-old heads, \$2.50; 3-year-old heads, \$3.00.

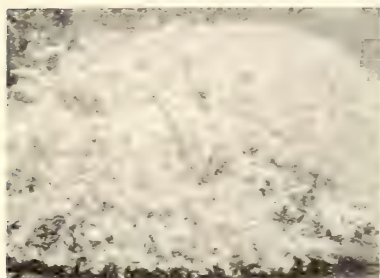
Speciosa (Western Catalpa)—Rapid grower, producing large panicles of fragrant flowers, delicately marked with violet and yellow. 4-6 ft., 75c; 6-8 ft., \$1.25; 8-10 ft., \$1.75; 10-12 ft., \$2.50 each.



Famous Flowering Cherries, Washington, D. C.

All prices quoted on trees are f.o.b. Salt Lake City. See page 22 for quantity price schedule. Small sizes under four feet can be sent parcel post where desired. Add 15c each extra for packing and postage.

P-W's Ornamental Trees



Floribundi Crab

Floribunda (Japanese Flowering Crab)—Literally covered with single rose colored flowers in early spring. (See cut.) 3-4 ft., **\$1.50**.

Hoppi (Hopa Red Flowering Crab)—Grows to a height of 12-15 ft. Produces bright rose-red double flowers in profusion. Fruit is red inside and out. Very hardy variety and extremely attractive. 4-6 ft., **\$1.75**.

Niedzwetzkyana (Redvein C.)—Large deep pink flowers; red bark, leaves and fruit. 2-3 ft., **75c**; 3-4 ft., **\$1.00**.

Parkmani—Attractive double rose red. 3-4 ft., **\$1.25**.

Scheideckeri—Large deep pink flowers; yellow fruit. 2-3 ft., **75c**; 3-4 ft., **\$1.00**.

Flowering Crabs

Atrosanguinea (Carmine C.)—Brilliant carmine red, single. 2-3 ft., **75c**; 3-4 ft., **\$1.00**; 4-6 ft., **\$1.75**.

Bechtels Double Flowering—Hardy, of medium size, covered in early spring with large, beautiful double, fragrant flowers, resembling small roses of a delicate pink. Ideal for a small yard. 2-3 ft., **\$1.00**; 3-4 ft., **\$1.50**; 4-6 ft., **\$2.00** each.

Eleyi Purpurea—Grows 9-10 ft. Produces richly colored blood-red flowers and purplish bronze foliage. One of the most brilliant of all. 3-4 ft., **\$1.00**.



Cut-Leaved Weeping Birch

Prices on trees are Not Prepaid. Small sizes under four feet can be mailed if desired. Add 15c each extra for postage. See page 22 for quantity schedules.



Chinese or Siberian Elm

Elm (Ulmus)

American Elm (*Ulmus Americana*)—Tall and stately with a graceful, wide-spreading form. 4-6 ft., **75c** each; 6-8 ft., **\$1.25** each; 8-10 ft., **\$1.75** each; 10-12 ft., **\$2.25** each.

Chinese or Siberian Elm—A clean, fast grower. Thoroughly hardy and vigorous under most trying soil and climatic conditions. Its resistance to drouth, alkali and extreme temperature makes it very valuable for the West. Selected stock. 3-4 ft., **35c** each; 4-6 ft., **50c**; 6-8 ft., **\$1.00**; 8-10 ft., **\$1.25**; 10-12 ft., **\$1.75**; 12-14 ft., **\$2.00**.

Camperdown Elm—Always top grafted. Limbs grow outward and

downward, giving the tree a remarkable picturesque aspect. 2-year heads, **\$4.00** each.

English Elm—A native of Europe; a noble rapid-growing tree, forming a dense head; a desirable tree for streets, avenues, etc.. 6-8 ft., **\$2.50** each; 8-10 ft., **\$3.00** each.

Moline Elm—In shape like a Lombardy Poplar, with leaves often 6 inches across. The older trees become more spreading. 6-8 ft., **\$2.00** each; 8-10 ft., **\$2.50** each.

Cork Elm—Tall, majestic, with spreading branches, corky winged; free from scale and disease. 6-8 ft., **\$2.50**.

Cercis (Redbud)

Canadensis—Striking ornamental trees loaded with a mass of pea-shaped pink blossoms in early Spring, before the leaves appear. 5-6 ft., **\$1.25**.

Flowering Cherries

Double Cherry (*Prunus Florenpleno*)—A charming small tree with branches completely covered with a mass of large double flowers in May. Either **pink** or **white**. 3-4 ft., **\$1.25**; 4-6 ft., **\$1.75**.

Japanese Weeping Cherry—Famous flowering cherries of Japan. Beautiful specimens, blooming in profuse panicles. 5 ft., Standards, **\$3.25** each.

Golden Chain

Laburnum Vulgare—Small, quick-growing tree with soft, deep green clover-shaped leaves retaining their color until late in Fall. Flowers fragrant, bright yellow, in long, drooping racemes. 5-6 ft., **\$1.75**.

Special Bargain Chinese Elms

Good, vigorous Nursery Run Stock, excellent for planting Groves, Wood Lots, Farm and Ranch Fence Lines.

3-4 ft. size, 25 for \$5.00; 50 for \$ 9.00; 100 for \$17.50

4-5 ft. size, 25 for \$6.00; 50 for \$11.00; 100 for \$20.00

5-6 ft. size, 25 for \$7.50; 50 for \$13.00; 100 for \$25.00

All packed f.o.b. Salt Lake City



Golden Chain (Laburnum)

P-W's Ornamental Trees

Ginkgo

Maidenhair Tree (Ginkgo Biloba)—A rare tree from Asia with fern-like foliage, unlike any other. Free, angular, independent branches, distinct. 6-8 ft., \$3.50.

Horse Chestnut

White Flowering—The handsome European species; has magnificent spikes of white flowers borne in great profusion and sweetly scented. 6-8 ft., \$3.00 each; 8-10 ft., \$3.50 each.

Hawthorne (Flowering Thorns)

English Double Flowering White—Fragrant flowers in May and June. 4-6 ft., \$2.00 each.

Paul's Double Scarlet—Flowers deep crimson scarlet; very double, followed by large red berries borne freely. 6-8 ft., \$2.50; 4-6 ft., \$2.00.

Linden

American—Broad, round head with large, shining cordate leaves. Its flowers appear in yellow drooping clusters, intensely fragrant. 6-8 ft., \$2.50 each.

European (Lime Tree)—Pyramidal shape, foliage similar to American Linden, white flowers in June. 6-8 ft., \$2.50 each.

Locust

Common or Black Locust—Rapid growth, valuable for timber as well as ornamental. The flowers in long racemes, white and fragrant, in June. 4-6 ft., 50c each; 6-8 ft., 60c each; 8-10 ft., \$1.00 each; 10-12 ft., \$1.50 each; 12-14 ft., \$2.00 each.

Globe Locust—Unusually attractive; forms round-headed tree — without trimming. 1-year head, \$2.25; 2-year

head, \$2.50; 3-year head, \$3.00.

Honey Locust—A large vigorous tree, with wide spreading branches, feathery. 4-6 ft., \$1.00 each; 6-8 ft., \$1.25 each.

Thornless Honey Locust—Identical in hardness, foliage, size, and habit of growth with the regular Honey Locust. The only difference being it is without spikes or thorns. 4-6 ft., \$1.50.

Maples (Acer)

Silver—A large tree. Very fast grower, makes dense shade and thrives in any soil. 6-8 ft., \$1.25 each; 8-10 ft., \$1.75 each; 10-12 ft., \$2.00 each.

Norway—A large, spreading, rounded form, with shiny, deep green foliage. Very symmetrical. A most desirable species for the street, park or lawn. 6-8 ft., \$1.75; 8-10 ft., \$2.00; 10-12 ft., \$2.50 each.

Purple Leaf Japanese Maple (Acer palmatum atropurpureum) — Attractive dwarf tree. At maturity 6 to 8 feet

in height. Broad leaves highly colored reddish-purple. B. & B. 18-24 in., \$3.75.

Schwedleri—A red and purple contrasts brightly with the delicate green of other trees. In midsummer they are purplish green, in autumn, golden-yellow. 6-8 ft., \$2.25; 8-10 ft., \$2.75.

Purple Leaf Norway Maple—Same habits and size of growth as the well-known Norway Maple, but the foliage is a beautiful reddish-purple during the entire season. 4-5 ft., \$1.50; 6-8 ft., \$2.50.

Mulberry

Mulberry, Russian—Rapid growth; round headed, profuse foliage; used to attract birds. 5-6 ft., \$1.00.

Mulberry Tea Weeping—The long, slender, drooping branches of this tree give it a very unusual and much admired appearance. Prized for lawn planting. 2-year heads, \$3.25.

Kingman (Fruitless)—30 ft. A good strong growing dense shade tree, but without fruit, thus avoiding the staining of walks under the tree. Extremely rapid in growth and one of the best shade or street trees for southern Utah, Nevada, and other hot, dry arid climates. 6-8 ft., \$1.75 each.



Globe Locust

P-W's New Hardy Orchid Flowered, Acacia

This new variety is a marvelous development in the Robinia family. It is a hardy, thrifty grower, producing at maturity well developed and branched trees 25-30 feet in height. While its graceful, feather-form, green foliage is attractive, yet its real claim to beauty is the very showy flowers, profusely produced in June, in long, drooping, sweetpea-like clusters of a very deep orchid color. Because of its easy growth, hardness, beauty, and adaptability to varied climatic conditions, this variety should find a place in every planting, and become the leader among flowering trees. One size only is available this year, 7-8 ft., \$2.50.

Oak

Red Oak—A tall tree with broad top and thick trunk, and immense leaves, highly colored in autumn. 6-8 ft., \$3.50.

Olive, Russian

Eleagnus Angustifolia—Small tree growing to a height of 10-20 ft. Leaves silvery green. Very hardy, vigorous grower and valuable for screens, hedges, and color accents in landscape effects. 3-4 ft., 65c; 5-6 ft., \$1.00; 6-8 ft., \$1.25; 8-10 ft., \$1.50.



Norway Maple

Prices are for different sized trees, all f.o.b. our Nurseries or Salt Lake City. See page 22 for quantity price schedule.

For Shade and Beauty

Prices quoted on trees are f.o.b. Salt Lake City. See page 22 for quantity price schedule. Small sizes, under four feet, can be sent parcel post where desired. Add 15c per tree extra for packing and postage.

Poplar (Populus)

Bolleana—A tall columnar, rapid growing, hardy tree. Leaves glossy green above and silvery beneath. 4-6 ft., 35c each; 6-8 ft., 75c each; 8-10 ft., \$1.00 each; 10-12 ft., \$1.50 each.

Canadian—Rapid growing, sturdy variety, surviving even in poor and alkaline soil situations. 6-8 ft., 55c; 8-10 ft., 75c.

Carolina—Rapid grower; quick shade. 6-8 ft., 50c each; 8-10 ft., 60c each; 10-12 ft., 75c each; 12-14 ft., \$1.00 each.

Lombardy—Grows narrow and columnar. 10-12 ft., \$1.00 each; 8-10 ft., 75c each; 6-8 ft., 50c each; 4-6 ft., 35c each.

Flowering Peach

Double Flowering—Simply a mass of blossoms, appearing before the leaves, making an immense bouquet of gorgeous color. Fast growing and very hardy; **Double White, Double Pink, Double Red.** 2-3 ft., 50c;

3-4 ft., 75c; 4-5 ft., \$1.00; 5-6 ft., \$1.50.

Weeping—Double Flowering—White—Pendulant branches massed with double white blossoms before the foliage appears. Most attractive. 5 ft. Standards, 3 yr. heads, \$1.50 each.

Flowering Plums

Bliriana (New Flowering Plum)—

In early spring a mass of double pink flowers, followed by very dark reddish-purple foliage, which is retained throughout the season. 4-5 ft., \$1.00 each; 5-6 ft., \$1.25.

Pissardi—Purple-leaved plum. 3-4 ft., 65c; 4-5 ft., 90c.

Newport Flowers single rosy white in early spring followed by richly colored foliage. Fruits magenta red. 4-5 ft., \$1.00 each.

Triloba (Double Flowered Plum)—Before leaves appear the whole tree is a mass of very double, pink blossoms. 3-4 ft., 75c each; 4-5 ft., \$1.00 each.

Plane Oriental

London Plane—It forms a fine spreading, well-rounded head. Entirely free from disease or pests. Leaves are large, dark green and deeply lobed. One of the very best street trees. 6-8 ft., \$2.25; 8-10 ft., \$2.75; 10-12 ft., \$3.50; 12-14 ft., \$4.00.

Rose Acacia

(Tree Form)

Robinia Hispida—These dwarf trees are produced by grafting the Rose Acacia on suitable hardy standards. Produces beautiful lavender-pink pea-like flowers in long racemes in late June, making a very charming small tree. 4-5 ft. standards, 2 yr. heads, \$3.00; 1 yr. heads, \$2.00.

Tulip Tree

Tall, pyramidal habit; bluish-green, glossy, fiddle-shaped leaves; flowers tulip-like, greenish yellow. 3-4 ft., \$1.50; 6-7 ft., \$2.75.

Syringa Japonica

Japanese Tree Lilac—Grows into a handsome, well-shaped tree 18-20 ft. in height which produces large loose bunches of creamy-white flowers in late June or early July. Very handsome deep green foliage. 3-4 ft., \$1.25.

Sophora

Japonica (Pagoda Tree)—The leaves are an old feather form, round base but pointed. Green above and gray and hairy beneath. Flowers in long pea-shaped panicles, creamy white. Grows 30 to 40 ft. high. 4-5 ft., \$2.00.

Varnish Tree

Koelreuteria Paniculata—Sometimes known as "Golden Rain Tree." Very decorative, growing to a height of 25-30 ft. In July, its yellow flowers are borne in clusters 12-18 inches long. Very showy. This is hardy in the Salt Lake Valley and areas of similar climatic conditions. 5-6 ft., \$3.00



Double Flowering Peach

Walnut

Black—A magnificent tree attaining great size. Its edible nuts are borne in great quantity. 4-6 ft., \$1.00 each; 6-8 ft., \$1.50; 8-10 ft., \$2.00.

Willow

American Black—6-8 ft., 60c; 8-10 ft., 85c.

Babylonian Weeping Willow—A tree of stately appearance with long, pendant branches swaying their silvery foliage in every breeze; quick to take hold when transplanted. 6-8 ft., \$1.25; 8-10 ft., \$1.75; 10-12 ft., \$2.00.

Golden—Good for windbreaks. 6-8 ft., 60c.

Matsudana (Hankow Willow)—Splendid new variety from China. Grows more upright than "Babylonian." Very vigorous, rapidly develops into magnificent tree 35 feet in height. Hardy everywhere. 4-6 ft., \$1.00; 6-8 ft., \$1.25.

Pussy Willow—Attractive catkins form on the branches in early spring. 5-6 ft., 60c; 6-8 ft., 85c.

Weeping Golden Willow—As the name indicates, this is the weeping form of the well-known Golden Willow. At maturity 25 to 30 feet high. Very hardy. 6-8 ft., \$1.75.

Let our LANDSCAPE DEPARTMENT assist you in your landscaping problems. A post card will put you in touch with this service.



London Plane

P. - W.'s Special Windbreak Collection Offers

The varieties selected here are especially fitted to stand the most rigorous and exposed situations in the upper valleys of the Intermountain States. We are confident they will fill a long-felt want of our customers living in the open country or where windbreak is desired.

Windbreak Collection No. 291

30 Siberian Elm 18/24 in.
30 Black Locust 18/24 in.
30 Russian Olive 18/24 in.
50 Caragana 10/15 in.

All of the above for.....

Delivered to your nearest Express or Postoffice

\$9⁰⁰

Windbreak Collection No. 292

50 Siberian Elm 18/24 in.
100 Caragana 10/15 in.
50 Black Locust 18/24 in.
50 Russian Olive 18/24 in.

All of the above for.....

Delivered to your nearest Express or Postoffice

\$14⁰⁰

SHRUBS—P.-W.'s Beautiful

Following each description we indicate the height and spread at maturity. For example: ("H 3-4, S 3-4.") may be interpreted: "height 3 to 4 feet, spread 3 to 4 feet." It is understood that the sizes given are only approximate, and will vary considerably, according to soils and climate. Shrubs marked (*) can be grown in partial shade, but they will also thrive in full exposure to the sun.



Flowering Almond

Almond, Double Fl.

The flowers are borne on its slender branches during May and are very fragrant. (H 3-4, S 4.) **Double Pink, Double White.** 18-24 in., **50c**; 2-3 ft., **75c**.

*Althea

(Rose of Sharon)

Blooming from August to October; extensively used as hedge plants. We offer in four distinct colors. (H 10-12, S 6-8.)

Double Varieties—Red, Pink, White, and Purple. 2-3 ft., **50c**.

Single Varieties — Coelestis, large flowering, deep blue. 2-3 ft., **75c**.

Amorpha

False Indigo (A. fruticosa)—Grows in large spreading bush form, with bright green leaves in pinnate arrangement; flowers deep violet-blue in June. (H 8-10, S 8-10.) 2-3 ft., **50c**; 3-4 ft., **75c**; 4-5 ft., **90c**.

Aralia

Spinosa (Devil's Walking Stick) — Sometimes called "Hercules Club." Blooms July, August, large panicles, white flowers followed by black berries, develops a tree-like form, branches very spiny. (H 15-18, S 7-8.) 2-3 ft., **50c**; 3-4 ft., **75c**.

*Berberis (Barberry)

Japanese Barberry (B. thunbergii) — Beautiful shrub for hedges, border, screens or general purposes. Very compact and needs no attention with the shears. (H 3-4, S 3-4.) 15-18 in., **30c**; 18-24 in., **40c**; 24-30 in., **50c**.

Red Leaved Barberry

(B. thunbergii atropurpurea)—In habit of growth and in fruiting it is identical with the popular Japanese Barberry, but its foliage develops a rich, bronzy-red color. (H 3-4, S 3-4.) 15-18 in., **50c**; 18-24 in., **75c**.

Purple Leaved Barberry

Attractive colored, graceful, taller than the Japanese types. (H 6-8, S 5-6.) 15-18 in., **40c**; 18-24 in., **50c**; 2-3 ft., **60c**; 3-4 ft., **75c**.

Buddleia

(Butterfly Bush)

Alternifolia — Very hardy; does not freeze in the winter. Flowers are lavender-purple with a reddish-crimson eye, in very compact clusters. Prolific bloomer. Fine leaves and branches of semi-weeping habit. (H 4-6, S 4-5.) 2 yr., **60c** each.

Farquhar — Deep, rose-lilac flowers. Very prolific. (H 5-6, S 4-5.) 2 yr., **50c**.

Ile de France—New dark claret purple, long spikes, free flowering, vigorous. (H 5-6, S 4-5.) 2 yr. plants, **60c**.



Buddleia

Caragana

Siberian Pea Tree (C. sibirica) — Compound leaves bright green; numerous small clusters of yellow flowers. (H 8-10, S 8.) May and June, 18-24 in., **25c**; 2-3 ft., **35c**; 3-4 ft., **50c**; 4-6 ft., **75c**.

*Cornus (Dogwood)

Red Siberian (C. sibirica) — Produces cream colored flowers in June, light blue fruits, and bright red twigs and branches. (H 6-8, S 6.) 18-24 in., **30c**; 2-3 ft., **45c**; 3-4 ft., **60c**.

Golden Twig (C. stolonifera, lutea) — Yellow stemmed. Clusters of white flowers, stems and branches are yellow. (H 7-8, S 7.) 18-24 in., **30c**; 2-3 ft., **45c**.

All prices on shrubs are f.o.b. Salt Lake City. See page 22 for quantity price schedule. If wanted by mail add 3c each extra on 18-24 in. size; 5c each on 2-3 ft. size, and 8c each on 3-4 ft. size, for packing and postage.

Cotoneaster

Acutifolia—Showy, stately shrub with lustrous green foliage, which flowers in June, followed by black berries. (H 6-7, S 5-6.) 18-24 in., **50c**; 2-3 ft., **75c**.

Cydonia

Japan Quince (Japonica)—A single shrub on the lawn is very attractive; brilliant crimson flowers, among the first in the spring. (H 4-5, S 5.) 18-24 in., **40c**; 2-3 ft., **50c**.

Deutzia

Popular shrubs; flower in June and through July and August.

Gracilis — A favorite dwarf bush, covered with spikes of pure white flowers. (H 2-3, S 3.) 18-24 in., **60c**.

Lemoine—Flowers single white borne on upright branches. Semi-dwarf, suitable for borders and hedges. (H 3-4, S 2-3.) 2-3 ft., **50c**.

Magnifica — An improved form of Crenata. Large clusters creamy white in May. (H 6-8, S 4-5.) 2-3 ft., **50c**.

Exochorda

Pearl Bush—Vigorous grower; dazzling white flowers in numerous terminal racemes. A narrow upright shrub which prefers a moist, fertile soil. (H 6-8, S 4.) May. 2-3 ft., **60c**.

Euonymus

Alatus-Compacta (Dwarf Burning Bush)—In Autumn the oval, bright green leaves of this shrub turn to gorgeous tones of red and crimson, resembling a ball of fire. Fine form for formal effects as it may be trimmed to size desired. Attractive scarlet berries. (H 5-6, S 5.) 12-18 in., **50c**; 18-24 in., **75c**.

Americana (Atropurpurea) (Strawberry Tree) — American Burning Bush. Very showy. In Autumn, loaded with scarlet seed pods, orange-colored berries. (H 7-8, S 6-7.) 2-3 ft., **60c**; 3-4 ft., **85c**.



A group of Deutzia Magnifica

Acclimated, Ornamental SHRUBS

ABOUT PRICE

In comparing prices with other sources, it should be borne in mind the shrubs we offer are well-developed 2, 3, 4 and sometimes 5 years of age, with root development accordingly, depending, of course, on variety.

Kerria

Japonica, Double—A graceful shrub for the front of a shrubbery border, or in a mixed planting around porches. Attractive golden-yellow double flowers are borne from June to October. (H 4-5, S 3.) 18-24 in., 50c; 2-3 ft., 75c.

Kolkwitzia Amabilis

Beauty Bush—Long arching branches—all the merits of a perfect shrub—combining hardiness, beauty of foliage, and amazing profusion of pale pink bell-shaped flowers in June. (H 6-8, S 6.) 18-24 in., 60c; 2-3 ft., 85c.



Kolkwitzia Amabilis
(Beauty Bush)

*Ligustrum (Privet)

Vulgaris (English)—Leaves small dark green. White flowers in June, followed by black, shiny berries. (H 10-12.) 18-24 in., 25c; 2-3 ft., 40c. (See page 22 for Hedge Shrubs.)

Ibota Regelianum (Regals Privet)—Makes a splendid low, dense hedge, also good in shrubbery planting. Glossy deep green foliage; height 5 to 6 feet at maturity. 18-24 in., 50c; 2-3 ft., 75c.

Lodense—Very dwarf and compact, not exceeding 2½ feet. Glossy deep green foliage, very attractive. Splendid low hedge or for low specimen plants. 12-15 in., 35c; (See page 22, Hedge Shrubs.)

Photina

Villosa—An upright shrub with slender spreading branches, flowers white, produced in large panicles in June to July; followed by bright scarlet fruit in October. Foliage dark glossy green; attractive. (H 8-10, S 8.) 3-4 ft., 85c.

Philadelphus (Mock Orange)

Coronarius (Garland Mock Orange)—This is a popular tall variety refined and beautiful; large white flowers. (H 6-8, S 4-6.) 18-24 in., 30c; 2-3 ft., 45c; 3-4 ft., 60c.

Lemoine—Good, compact habit. Flowers sweetly scented. (H 7-8, S 7-8.) 18-24 in., 30c; 2-3 ft., 45c.

Grandiflorus (Large-flowered Syringa)—Vigorous, upright grower. Slender branches with an abundance of pure white, fragrant flowers in June. (H 8-10, S 8.) 18-24 in., 30c; 2-3 ft., 45c; 3-4 ft., 60c.

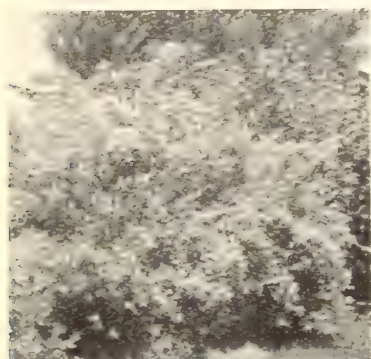
Virginalis (Mock Orange)—One of the most beautiful new varieties. A vigorous, tall grower, with very large, double-crested flowers, with round petals. Pure white, sweetly scented, clusters of blossoms. (H 7-8, S 7.) 18-24 in., 50c; 2-3 ft., 65c.

Fall Planting Desirable

on most all hardy Shrubs and Trees... it's Nature's planting time.



Philadelphus Virginalis



Honeysuckle Pulcherrima

Eleagnus

Umbrellata (Autumn Eleagnus)—Highly ornamental shrub with handsome gray-green foliage; flowers yellowish-white and very fragrant. (H 10, S 8-10.) 2-3 ft., 75c.

Russian Olive—See page 16.

Forsythia (Golden Bell)

Fortunei—Strong, erect habit; bright golden-yellow flowers in early Spring. (H 7-8, S 6.) 18-24 in., 30c; 2-3 ft., 45c; 3-4 ft., 60c.

Suspensa (Weeping Golden Bell)—Tall willowy growth, branches gracefully arching, covered with golden-yellow bells. (H 4-6, S 7.) 2-3 ft., 45c; 3-4 ft., 60c.

*Honeysuckle (Bush)

(Lonicera)

Tartarian (Lonicera Tartarica)—Most popular of the bush varieties. Foliage dark glossy green, blooms in June. (H 8-10, S 6-8.) Pink. White. 18-24 in., 35c; 2-3 ft., 50c; 3-4 ft., 60c; 4-5 ft., 75c.

Fragrantissima, Winter Honeysuckle—Small, deliciously fragrant white flowers tinged with yellow in the early Spring before the leaves appear. Holds its green foliage until midwinter. (H 6, S 4-5.) 18-24 in., 35c; 2-3 ft., 50c.

Pulcherrima—A new bright red Tartarian. (H 9-10, S 6-8.) 2-3 ft., 60c; 3-4 ft., 75c.

Morrowi—A handsome Japanese variety with white flowers during May, but especially valuable for its bright and red fruit during the summer and autumn months. (H 6-8, S 5-6.) 18-24 in., 35c; 2-3 ft., 50c; 3-4 ft., 75c.

Spinosa Alberti—Dwarf growing type with bluish-green leaves and fragrant rose-pink flower in May and June. (H 2, S 2-3.) 18-24 in., 75c.

Trifida—Very hardy dwarf bush honeysuckle, yellow flowers in May and June. (H 2, S 2-3.) 18-24 in., 60c.

All prices on shrubs are f.o.b. Salt Lake. See page 22 for quantity price schedule. If wanted by mail add extra 3c each on 18-24 in. size; 5c each on 2-3 ft. size, and 8c each on 3-4 ft. size, for packing and postage.

GORGEOUS NEW FRENCH LILACS

Fourteen varieties on their own root, which include three of the world's 12 best French Hybrids. Coming from cold regions like the mountains of China, the Lilac is the plant for our Western States. Lilacs are best planted from the latter part of October until the ground freezes.

Varieties starred thus (★★) belong to the world's 12 best Lilacs. Those starred (★) are highly recommended. (D) following names indicate double petals, (S), single.

★Charles Jolley (D). Even toned, dark purple-red. 18-24 in., \$1.25; 2-3 ft., \$1.50.

Charles X (S). Schoenfield's purple, opening Argyle purple. 18-24 in., 75c; 2-3 ft., \$1.00.

★Edith Cavell (D). Buds green-yellow, opening to pure white. 18-24 in., \$1.25; 2-3 ft., \$1.50.

★★Katherine Havemeyer (D). Lilac, opening to a pale lobelia violet. Panicles of the greatest size. 18-24 in., \$1.75; 2-3 ft., \$2.00.

★★Leon Gambetta (D). Buds Cinnamon drab, opening pinkish-lilac. The finest of all lilacs. 18-24 in., \$1.75; 2-3 ft., \$2.00.

★★Miss Ellen Willmott (D). The flowers perfectly formed come in immense panicles of creamy-white. The greatest double white lilac. 18-24 in., \$1.75; 2-3 ft., \$2.00.

★Mont Blanc (S). Buds greenish-yellow, opening pure white. 18-24 in., \$1.25; 2-3 ft., \$1.50.

Mme. Lemoine (D). Buds Viridine yellow, opening snow-white. 18-24 in., 75c; 2-3 ft., \$1.00.

Marie LaGraye (S). Buds Viridine yellow, opening white. 18-24 in., 75c; 2-3 ft., \$1.00.

Michel Buchner (D). Buds purple Vinaceous, opening purple to pink-lilac. 18-24 in., 75c; 2-3 ft., \$1.00.

President Grey (D). Buds Hellebore red, opening Mauvette to lavender-violet. 18-24 in., 75c; 2-3 ft., \$1.00.

★Ruhm Von Horstenstein (S). Immense blooms of light red-purple. 18-24 in., \$1.25; 2-3 ft., \$1.50.

★Reaumur (S). Buds neutral red, opening purple tinged saccardo's violet. 18-24 in., \$1.25; 2-3 ft., \$1.50.

★Sov. De Ludwig Spaeth (S). Buds carmine to Schoenfield's purple, opening rose-purple. 18-24 in., 75c; 2-3 ft., \$1.00.

LILAC SPECIES

(Syringa)

Josikaea (Hungarian Lilac). Erect purple flowers blooming late in June. 2-3 ft., 65c.

★New Chinese or Rothomagensis. A distinct hybrid variety with slender stems. Reddish-purple flowers. 18-24 in., 50c; 2-3 ft., 75c.

Persian Lilac. Light purple flowers with slender, drooping branches. 2-3 ft., 60c.

Vulgaris (Common white and purple). 18-24 in., 30c; 2-3 ft., 50c.

KATHERINE
HAVEMEYER
Large Double Violet

Novelty Lilac Collection Offer No. 258

Consisting of the following:

1 Katherine Havemeyer, Dbl. blue violet
1 Miss Ellen Willmott, Dbl. creamy white
1 Leon Gambetta, Double pinkish lilac

3 in all, size 18-24 in. (Reg. price, delivered, \$5.35.)

All postpaid for.....

\$4.50

P. - W.'s Hardy Ornamental Shrubs

All prices on shrubs are f.o.b. Salt Lake. See page 22 for quantity price schedule. If wanted by mail add extra 3c each 18-24 inch size; 5c each on 2-3 ft. size, and 8c each on 3-4 ft. size, for packing and postage.

Physocarpus (Ninebark)

Opulifolius (Ninebark) — Quick growing, tall shrub, useful for screens; white flowers followed by bright, red fruit in July. (H 8-10, S 6.) 2-3 ft., 45c; 3-4 ft., 60c.

Opulifolius Nana (Dwarf Ninebark)

—Dwarf form dense growing, attractive white flowers in May-June, followed by red pods. (H 4-5, S 4.) 18-24 in., 45c.

Potentilla

Fruticosa — A most handsome low-growing shrub. Prefers moist situations but will grow even in very dry soils. It is covered throughout the summer with numerous bright yellow showy flowers. As a dwarf border shrub, it is a most valuable addition. (H 2-3 ft., S 3.) 15-18 in., 45c; 18-24 in., 60c.

Robinia

Hispida (Rose acacia) — This beautiful shrub is much appreciated because of the abundance of its large, pink, pea-like flowers. (H 4-5, S 5.) 18-24 in., 50c; 2-3 ft., 75c.

Rhamnus

Cathartica (Buckthorn) — A dense twiggy bush, 6 to 10 feet high, with dark foliage relieved by masses of midsummer white flowers. Makes a good, prunable hedge. 2-3 ft., 50c.

Rhodotypos

Kerrioides (White Kerria) — Bright green leaves, and pure white flowers in late Spring; later black berries that hang on all Winter. (H 4-5, S 3-4.) 18-24 in., 40c; 2-3 ft., 60c.

Rhus (Sumac)

Canadensis (Fragrant Sumac) — Sweet scented, dwarf growing, yellow flowers in short spikes along the branches, bright red fruits which appear later are clothed with short, silky hairs. Beautiful Autumn foliage. Good for rock gardens. (H 3-4, S 4.) 18-24 in., 50c; 2-3 ft., 75c.

Copallina (Shining Sumac) — Pretty, glossy foliage, very brilliant in the Fall, and winged-leaved stems give it distinct appearance. (H 4-6, S 5.) 2-3 ft., 50c; 3-4 ft., 75c.

Typhina (Staghorn Sumac) — One of the most brilliant plants in Autumn, when the green foliage turns to red, and the showy red fruit is borne high above surrounding shrubs. (H 10-12.) 2-3 ft., 45c; 3-4 ft., 60c; 4-5 ft., 75c; 6-8 ft., \$1.00.

Typhina Laciniata (Shredded Sumac)

—The branches covered with velvety hairy-like growth resembling the developing Elk Horns. Flowers white. Deeply serrated leaves, deep crimson fruit; attractive for background. July. (H 10-12, S 6-8.) 2-3 ft., 50c; 3-4 ft., 65c; 4-5 ft., 75c.

*Sambucus (Elder)

Acutiloba (Cut Leaf Elder) — Attractive finely cut green leaves and large cymes of white fragrant flowers in June to July, followed by clusters of berries. (H 8-10, S 8.) 2-3 ft., 45c; 3-4 ft., 60c.

Canadensis Aurea (Golden Elder) — Bright yellow foliage, commonly used in massed planting to avoid monotony in the green effects. (H 6-8, S 5.) 2-3 ft., 45c; 3-4 ft., 60c.

*Sorbaria (False Spirea)

Aitchisoni Upright, with many arching branches and fresh green leaves. Profuse bloom, June-July, in long feathery panicles, pure white. Does not blight. (H 4-5, S 5.) 2-3 ft., 50c each; 3-4 ft., 75c each.

*Spireas

Arguta — Deep green foliage; of minute, purest white flowers. Early May. (H 3, S 3.)



Rhus Typhina



Spirea Van Houtte

Billiards Spirea (S. Billardi) — Upright grower, with pink flowers in spikes or plumes 5-6 inches long in midsummer. (H 6, S 6.)

Froebeli (Froebel Spirea) — Leaves are purple when young. Deep rosy blooms are borne in abundance in the middle of Summer and over a long period. (H 3-4, S 4.)

Douglasi (Douglas Spirea) — Deep pink spikes of flowers in July and August, a delightful contrast against the white downy leaves. (H 5-6, S 5.)

Korean (Trichocarpa) — Produces large, rounded clusters of snowy flowers marked with darker eyes in early June, beautiful glossy green foliage late into the Autumn. (H 4, S 4.)

Prunifolia (Double Bridal Wreath) — One of the best; a beautiful shrub medium size, double white flowers in May. (H 6, S 6.)

Thunbergii — Graceful and beautiful at all seasons. White flowers in May. (H 4, S 3.)

*Van Houtte (Bridal Wreath)

—The most satisfactory shrub in cultivation. It is round and graceful with long, thin, arching branches. Flowers in white clusters, so numerous that when in full bloom the bush resembles a snowdrift. (H 6-8, S 6.) May and June. 15-18 in., 20c; 18-24 in., 30c; 2-3 ft., 40c; 3-4 ft., 50c; 4-5 ft., 65c. Specimen clump, \$1.25.

Any of above Spireas, except where specially noted, price, 15-18 in., 25c; 18-24 in., 35c; 2-3 ft., 50c.

*Symphoricarpus

Chenaulti Glossy green foliage, very dense and compact. White flowers in Spring followed by red berries in Fall and Winter. (H 4-5, S 4.) 18-24 in., 35c; 2-3 ft., 50c.

Racemosus (Snowberry) (B) — A graceful shrub with slender branches. Flowers white. (H 4-5, S 4.) 18-24 in., 30c; 2-3 ft., 40c; 3-4 ft., 50c.

Vulgaris (Coralberry) (B) — A grand shrub, producing a wealth of red or purplish berries which remain on the branches all Winter. Leaves ovate bright green. (H 4, S 3-4.) 18-24 in., 30c; 2-3 ft., 40c; 3-4 ft., 50c.

Shrubs marked (*) can be grown in partial shade, but they will also thrive in full exposure to the sun. The height and spread indicated will vary considerably according to soil and climatic conditions.

Hardy Shrub Collection Offer No. 259

Consists of 1 each of the following shrubs—all size 18-24 in. field grown:

1 Buddleia Ile de France, 1 Cornus Golden Twig, 1 Honeysuckle Pink Tartarian, 1 Symphoricarpus Chenaulti, 1 Snowberry, 1 Spirea Douglasi, 1 Spirea Van Houtte. (Regular Value \$2.76) 7 shrubs prepaid.

\$2.00

Offer No. 260

Consists of the larger 2-3 ft. size of the above popular seven varieties. One each, 7 shrubs in all. (Regular Value \$3.70), prepaid

\$3.00

P.-W.'s Hardy Ornamental Shrubs

All prices on shrubs are f.o.b. Salt Lake City. See below for quantity price schedule. If wanted by mail add extra 3c each on 18-24 in. size; 5c each on 2-3 ft. size, and 8c each on 3-4 ft. size, for packing and postage.



Weigela Rosea

Weigelas

Eva Rathke—Blooms continuously thru-out the summer and autumn; flowers are a rich ruby-carmine. (H 4-5, S 5.)

Rosea—A beautiful shrub with rose-colored flowers. (H 5-6, S 5.)

Any of above: 18-24 in., 45c; 2-3 ft., 60c.

Tamarix

Hispid (Kashgar Tamarix)—A distinct variety, with delicate, soft pink sprays of flowers in early Spring and again in July and August. (H 15, S 6.) 18-24 in., 30c; 2-3 ft., 45c; 3-4 ft., 60c.

Vitex

Macrophylla—A most graceful, shapely, attractive plant, with nicely divided foliage with aromatic odor. Pretty lavender-blue flowers, arranged in whorls on long, graceful terminal spikes or racemes, begin blooming in July, continuing until frost. A desirable shrub for any position. (H 3-4, S 3-4.) 18-24 in., 50c; 2-3 ft., 75c.

Viburnum

***Dentatum** (Arrow-wood)—Green leaves turn to purple and red tones in Autumn. Creamy white flowers, followed by blue-black berries. (H 6-8, S 6.)

***Opulus** (European Cranberry)—White flowers in June followed by bright scarlet berries, attractive. (H 10-12, S 10.)

Opulus Sterilis (Common Snowball)—Ball-like, pure white flowers. (H 8-10, S 10.)

Landscape Plans and Advice

This service is cheerfully rendered to all our customers desiring it; and plans provided for a nominal fee. Our staff includes Landscape Architects of wide, practical experience. The same careful attention will be given the smallest home grounds as is accorded to the largest estate. A post card signifying your interest will bring you full details.

HARDY SHRUBS FOR HEDGES, FENCES, AND SCREENS

Hedge screens are very popular. They take the place of expensive fences and are far more beautiful. Many of the following list can be trimmed or pruned any desired shape.

Privet and similar upright varieties should be planted 6 to 12 inches apart; Barberry and other medium bush shrubs, 1 to 2 ft. apart; tall shrubs for high hedges, 2 to 4 ft. apart. Ask for our free "How to Plant" booklet.

Barberry, Japanese, Green—12-15 in., 10 for \$1.35; 25 for \$3.00; 100, \$11.00.

Barberry, Red Leaved—12-15 in., 10 for \$2.25; 25 for \$4.50; 100, \$16.50.

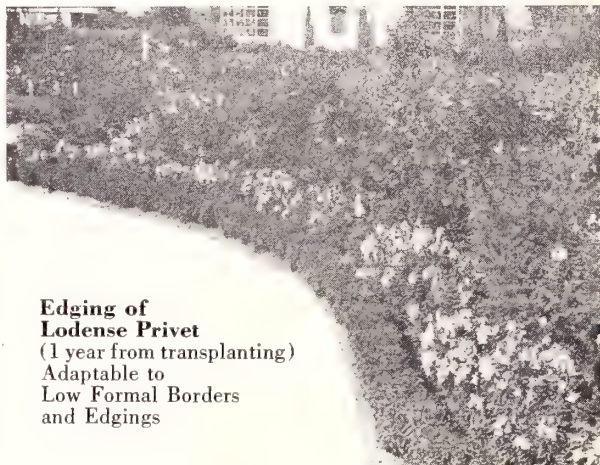
Honeysuckle, Tartarian—Red, White, or Pink—18-24 in., 10 for \$1.75; 25 for \$4.00; 100, \$15.00.

Privet (English)—Very hardy; can be trimmed to any form or height. 12-18 in., 10 for \$1.00; 25 for \$2.00; 100, \$7.00. 18-24 in., 10 for \$1.50; 25 for \$2.75; 100, \$9.50. 2-3 ft., 10 for \$2.50; 25 for \$3.50; 100, \$12.00.

Privet, Lodense—Hardy; almost evergreen. For low, formal edgings. 9-12 in., 10 for \$1.75; 25 for \$4.00; 100, \$15.00.

Spirea Van Houtte (Bridal Wreath)—Beautiful for border screens. 18-24 in., 10 for \$1.50; 25 for \$3.25; 100, \$12.00.

Symphoricarpus Chenaulti—Low informal border screen. 18-24 in., 10 for \$2.50; 25 for \$5.50; 100, \$20.00.



Edging of Lodense Privet
(1 year from transplanting)
Adaptable to
Low Formal Borders
and Edgings

Quantity Price Schedule for Trees, Shrubs, Etc.

Where each price only is printed in this Catalog the table below determines the 10 and 100 rates on the respective items of trees and shrubs. Unless otherwise specified the prices are f.o.b. Salt Lake City.

Where each Price is	Per Ten Rate is	Per 100 Rate is	Where each Price is	Per Ten Rate is	Per 100 Rate is	Where each Price is	Per Ten Rate is	Per 100 Rate is	Where each Price is	Per Ten Rate is	Per 100 Rate is
\$.25	\$ 2.25	\$ 20.00	\$.70	\$ 6.25	\$ 56.00	\$1.50	\$13.50	\$120.00	\$3.50	\$31.50	\$280.00
.30	2.70	24.00	.75	6.75	60.00	1.75	15.00	140.00	3.75	33.75	300.00
.35	3.25	28.00	.80	7.50	64.00	2.00	18.00	160.00	4.00	36.00	320.00
.40	3.60	32.00	.85	8.00	67.50	2.25	20.00	180.00	4.25	38.25	340.00
.45	4.00	36.00	.90	8.50	72.00	2.50	22.50	200.00	4.50	40.50	360.00
.50	4.50	40.00	.95	9.00	76.00	2.75	24.75	220.00	4.75	42.75	380.00
.55	5.00	44.00	1.00	9.50	80.00	3.00	27.00	240.00	5.00	45.00	400.00
.60	5.50	48.00	1.25	11.25	100.00	3.25	29.25	260.00	5.50	50.00	440.00
.65	5.75	52.00									

Five or more of one variety at the 10 rate, 25 or more at the 100 rate.

HARDY ORNAMENTAL VINES and CREEPERS

Your home, outbuildings, fences and trunks of old trees can be made very attractive by the use of hardy vines. Such permanent improvements add greatly to the value of your property, and the value increases from year to year. We furnish strong two-year-old field plants at prices given below. All are postpaid except where otherwise noted.

Akebia

Quintata—A perfectly hardy, fast growing vine, with magnificent foliage never attacked by insects; producing chocolate-purple flowers in large clusters, delightfully fragrant. Each, 75c.

Ampelopsis

Ampelopsis Engelmani (New Virginia Creeper)—Equipped with tendrils, by which it will climb walls of stone or brick, similarly to Boston Ivy. Each, 35c.

Boston or Japan Ivy (*Ampelopsis Veitchi*)—One of the finest climbers for covering walls, as it clings firmly to the smoothest surface, covering it evenly with overlapping leaves, which form a perfect mass of foliage. The color is fresh deep green in summer, changing to bright shades of crimson and yellow in autumn. Established in cans, 75c. Shipping weight, 10 lbs. If by mail add extra at zone rates for postage.

Bignonia Radicans

Scarlet Trumpet Vine—For covering unsightly places, stumps, rockwork or planting in crevices in ledges, the Bignonias will be found very useful. The flowers are large, attractive and showy, and borne profusely when the plant attains a fair size. Each, 50c.



Clematis Jackmanii

Mad. Galen—An improved deep orange-colored flowers. 2 year grafts, \$1.25.

Celastrus Scandens

Bittersweet or Waxwork—Succeeds in almost any situation, sun or shade; light green foliage and yellow flowers during June, followed by bright orange fruit. Each, 50c.

Clematis

Many failures are the result of too shallow planting. The crown of the roots should be set at least 3 inches below the surface of the soil.

Paniculata (Japanese Virgin's Bower)—Strong, rapid growth, with small, dense, cheerful green foliage. Blooming in profusion during August, and continues until late Fall. Flowers are white and deliciously fragrant. Each, 50c.

Jackmanii—The best known and most valued variety of this popular family. A perfect mass of bloom when in full flower. Color, dark, rich, royal purple. 1 year No. 1 (from pots), 75c each. Postage extra 15c, if by mail.

Mad. Ed. Andre—Large flowering type; crimson-red flowers. 1 year No. 1 (from pots), 75c each. Postage extra 15c, if by mail.

Silver Lace Vine (*Polygonum Auberti*)

One of the most desirable flowering climbers. The plant is of strong, vigorous growth, attaining the height of 25 feet or more, and producing through the summer and fall great foamy sprays of white flowers. Strong plants. Each, 50c. (See cut.)

If in doubt about what to select for a difficult situation where quick growth is desired—choose a Silver Lace Vine.

Wisteria

Sinensis (Purple)—A most beautiful climber of rapid growth. When well established it makes a growth of 15 to 20 feet in a season. Flowers violet-blue. Each, 75c.

Sinensis (White)—A white-flowering form of the above. Each, 75c.

Multijuga Floreplena—Long racemes of double purple flowers; very beautiful. Each, 85c.

Weeping Wisteria—Tree form purple Sinensis on 4-ft. standards. Ea. \$6.00. See page 22 for quantity price schedule.



Boston Ivy (rear)—*Climbing Rose* (front)

Offer No. 273

Includes: All prepaid for

1 BOSTON IVY, 1 CLEMATIS WHITE
1 SILVER LACE VINE
1 EVERBLOOMING HONEYSUCKLE
(Regular Value \$2.10)

\$1.75

Euonymus

Radicans vegeta (Evergreen Bittersweet)

—A strong-growing variety with larger leaves than other types, producing bright orange-red berries which remain on the plant the greater part of the winter. As a hardy evergreen plant for wall covering, this variety is unequalled. 2 year, 75c.

Hedera (Helix)

English Ivy—The well-known variety with small leaves which has proved perfectly hardy. Largely used for covering walls, loose racks, fences, or trellises. Each, 50c. Extra large plants, 75c each. Postage extra 15c.

Honeysuckle

Halliana (Hall's Japan Honeysuckle)—A strong, vigorous, almost evergreen sort; white flowers changing to yellow; very fragrant; flowering from July to Dec.; holds its leaves nearly all Winter. Each, 40c.

Scarlet Trumpet—It is a strong, rapid grower and produces scarlet, inodorous flowers. Each, 40c.

New Everblooming (*Lonicera Heckrotti*)—Remarkable for large size and distinct appearance of its flowers, crimson-carmine without and golden apricot inside. Very beautiful and fragrant, in bloom from the middle of June until the coming of frost. Each, 60c.



Silver Lace Vine



FRUIT TREES (For Fall Planting)

At our Nurseries we have a particularly fine lot of strong, healthy trees. This stock has been selected and critically grown to meet the requirements of orchardists planting for eastern or local markets. We believe, also, those of our patrons who are planting a small orchard for home use will find sufficient variety to amply fill every want in the fruit line. Detailed planting and cultural directions free with each order. Ask for them. Our trees are very carefully graded to size and height but in determination of grade the Caliper usually governs.

Ordinary seasons we are able to deliver fruit and ornamental trees the latter part of October. In sections where ground freezes up early, we advise spring delivery. Prices quoted are f.o.b. Salt Lake City.

It is not necessary to buy 10 or 40 of a single variety to secure the respective quantity rates; 10 or more assorted fruit trees may be priced at the ten rates applying on the particular varieties selected, and 40 or more may be priced at the 40 or more price schedules. On all orders below ten, the each prices apply.

APPLES—Summer Varieties—Red Astrachan, Red June, Yellow Transparent, Early Crimson Beauty.

Autumn Varieties—Gravestine, Twenty-Oz., Wealthy.

Winter Varieties—Cortlandt, Delicious, Grimes, Golden Pipin, Jonathan, Rome Beauty, N. W. Greening, Stayman's, Winesap, Winter Banana, Pearmain, McIntosh Red, Golden Russet.

Crab Apples—Siberian Red.

APRICOTS—Varieties—Moorpark, Chinese, Jones, Colorado.

The prices on all fruit trees listed on this page are as follows f.o.b. Salt Lake City:

Write for Quantity Prices	Height	Inches Caliper	Each	10-40
Home Orchard	4 ft. up	9/16-11/16	75c	50c
Coml. Orchard	3 ft. up	7/16- 9/16	60c	45c
Mail Size	2 ft. up	5/16- 7/16	50c	40c
Extra. Spec. Size	5 ft. up		1.00	75c

N. B.—In localities where there is poor drainage, also where winter temperatures reach zero and below, we do not recommend Fall planting of Apricots, Sweet Cherries and Peaches.

P.-W.'s Special Bargain Fruit Collection No. 81

12 VIGOROUS FRUIT TREES, HOME ORCHARD SIZE
A well selected fruit assortment containing 1 each of the twelve varieties—all of which should be on every home place that has room for them. Your selection from above varieties of 4 Apples, 3 Pears, 3 Plums, 1 Prune and 1 Pie Cherry—specially priced while they last.
Delivered to your railway station for.....

\$5.00

Bargain Fruit Collection No. 82

Your selection from above 4 Apples, 3 Pears, 3 Plums, 1 Prune, 1 Pie Cherry. Mail order size trees, 12 in all, prepaid.....

\$3.75

New Red Raspberry

P.-W.'s Colossus Everbearing—The finest everbearing red raspberry to date. It is absolutely hardy and bears prolifically over a long period. Due to its rich brilliant color and remarkable size and flavor, it will not only prove to be a delightful table berry, but it is perfect for canning and will be a money-maker for the commercial grower and a delightful new worthy type for the home garden. Price, 25c each; 3 for 60c; postpaid. Not prepaid, 15c each; 10 for \$1.20; \$8.50 per 100.

CHERRIES—Varieties—Bing, Black Tartarian, Lambert, Reine Hortense, May Duke, Montmorency, Napoleon, Windsor.

PEARS—Varieties—Bartlett, Beurre d'Anjou, Keiffer, Parish Favorite, Winter Nellis.

PLUMS—Varieties—Burbank, Bradshaw, Duarte, Satsuma, Damson, Green Gage, Santa Rosa, Peach, Opata, Sapa, Hauska.

PRUNES—Varieties—French and Italian.

PEACHES—Varieties—Alexander, Crawford, J. H. Hale, Elberta, Heath Cling, Carman, Red Bird, Orange Cling, Mayflower, Dal's Cling, Golden Jubilee, June Elberta, Rochester, Sunbeam, South Haven, Tuscan Cling.

New Redelberta Peach

(U. S. Plant Patent No. 232), f.o.b. Salt Lake City:

	Each	Dozen Lots	25 Lots	50 Lots	100 Lots
4-6 ft.	95c	75c	60c	50c	45c
3-4 ft.	85c	70c	55c	45c	40c
2-3 ft.					35c

500 tree lots, 5% discount from the per 100 prices

Small Fruits and Berries

Currants

Currants should be planted in good, very fertile soil. Prune more or less every year to get rid of old wood and keep the bushes open.

Price—Large 2-year-old roots, each, 30c; 10, \$2.50; 50, \$8.00; 100, \$15.00.

Fay's Prolific—Fruit large, bright red and good flavor.

Perfection—Large, bright red; most popular new variety.

Utah Black (Native)—Black, rich, fine, for jelly.

Gooseberries

Price—2-year-old strong plants, each, 30c; 10, \$2.50; 100, \$18.00.

Smith's Improved—Light greenish red, good size, very productive.

Oregon Champion—Splendid new red, medium size, wonderful yielder.

P.-W.'s NEW WHITE SMITH—The largest and finest in the list. Fruit very light green, almost white. Equally good for home or market. Each, 35c; 10, \$3.00; 100, \$25.00.

New Thornless Boysenberry

Same size, flavor, and bearing qualities as the new Boysenberry described above, but it has the wonderful advantage of being entirely thornless, a very decided advantage. 75c each; \$6.50 per 10.

GARDENING SUPPLIES

ROOTONE

Reg. U. S. Pat. Off.

A hormone powder easy to use; anyone can apply safely; no skill is needed to apply Rootone—no measurements, no vials,

no elaborate charts to follow—just dip and plant. Price, 1/4-oz. pkt., 25c; 2-oz. jar, enough to treat 3,000 cuttings, \$1.00; 1-lb. jar will treat up to 30,000 cuttings, \$5.00. Write for leaflet all postpaid.

PATENTS PENDING

TRANSPLANTONE

B-1 and other members of the vitamin B complex, which are important in plant growth. 1 oz., 50c; 3 oz., \$1.00; 1 lb., \$4.00.

For treatment of transplants of all kinds, it contains the root forming hormones, vitamin

**The Sensational
New Magic
Growth
Producer**

THOMPSON'S VITAMIN B-1 For Your Garden

Amateur and professional gardeners are achieving amazing results in plant growth and survival through the experimental treatment with Vitamin B-1.

Trial pkg. (makes 50 gals.), postpaid..... 10c
10 Pellets (makes 200 gals.), postpaid..... 25c
100 Pellets (makes 2,000 gals.), postpaid..... \$1.00

Bloomlife (cut flower food)

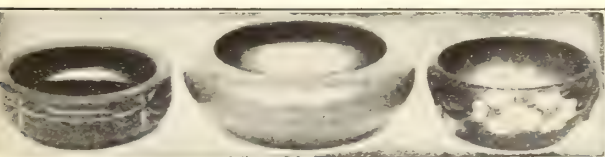
Blooms remain fresh several days after cutting. One packet is sufficient for one quart of water. Pkt., 10c.

National Eezy Wear Garden Gloves

**You'll Be Delighted
With These
Gloves**

**All-Leather
SOFT AS SILK
EASY TO WEAR
Dirt-Proof - Durable
Washable**

Outwear 6 pairs of fabric. Also ideal for house, basement, garage, furnace, etc. Women's sizes—small, med., large; Men's—small, med., lge. Price 75c pr.; 2 pr. \$1.40. Postpaid.



We carry a large assortment of Bulb Bowls, embracing most every desirable size, type, design and color. Prices range from 25c, 50c, 75c and \$1.00 each. Add 10c for packing and postage if by mail.

Clay Flower Pots

	Each	Per Doz.	Per 100
2 1/2-inch Standard	\$.05	\$.45	\$ 2.50
3 -inch Standard .....	.07	.50	3.00
4 -inch Standard and Bulb....	.07	.60	4.00
5 -inch Standard and Bulb....	.10	.85	6.00
6 -inch Standard and Bulb....	.15	1.25	8.00
7 -inch Standard .....	.25	2.00	13.00
8 -inch Standard .....	.35	3.30	23.00
10 -inch Standard .....	.60	6.00	45.00
12 -inch Standard	1.00	11.00	

If saucers are desired add 2/3 extra to above prices.

Plant Stakes

Green Bamboo Stakes—For supporting tall plants—

	Per doz.	Per 100	Per 250	Weight Per 100
2 ft. long.....	10c	60c	\$1.10	2 lbs.
2 1/2 ft. long.....	15c	65c	1.40	2 1/2 lbs.
3 ft. long.....	20c	75c	1.75	3 lbs.
4 ft. long.....	25c	90c	2.00	4 lbs.
5 ft. long.....	35c	1.35	3.00	5 lbs.

Pot Labels

	Price per 100	Price per 1000	PLAIN	Price per 100	Price per 1000
PAINTED					
4 inch	\$.40	\$3.00	4 inch	\$.25	\$2.50
6 inch .....	.55	3.75	6 inch .....	.40	3.10
8 inch .....	.75	5.50	8 inch .....	.70	5.00
10 inch	1.10	9.50	10" x 1 1/8" x 1" .....	.95	8.00

Tree Labels

3 1/2" Copper Wired

	Per 100	Per 1000
Plain .....	.40	2.75
Painted .....	.50	3.25



'TWIST-EMS'



SEE... JUST A
SIMPLE
TWIST OF
THE WRIST
AND THE
PLANT IS TIED

'Twist-ems' are dark green strong tapes with wire reinforcing that make perfect plantties. Place 'Twist-ems' around stem and support. Twist ends between thumb and

finger. In a "flash" the stem is securely tied.
Box of 125, 8-inch size..... 25c
Box of 250, 4-inch size..... 25c

For Nurserymen, packaged as follows: Quantity per ctn.—4-in. size, 5000; 8-in. size, 5000.

TROWELS

Ship. Wt., 8 oz. Each

No. 7—
One piece, all
aluminum.
Each, 70c

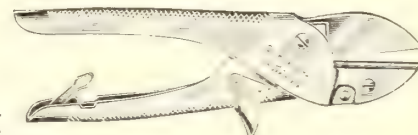


No. T-5—Pressed steel. Each, 15c.
No. T-4—Pressed steel. Each, 15c.

No. T-20—
Rolled steel.
Each, 25c.



Du-All Trowel—Measured in inches to tell how deep you are planting. Reinforced below handle; includes planting chart. 45c.



No. 808—Unquestionably the finest professional pruner. Light weight from drop-forged steel, polished blades, comfortable grip with "no pinch" feature. \$2.65.

**New
Lawnette
No. 115**



Fertilizer Spreaders

NEW LAWNETTE

A size for every need. Easy running, sturdy machines with a patented force-feed principle. Equipped with handle control and shut-off. All prices f.o.b. Salt Lake City.

No. 115—Wt., 15 lbs., 16 in. spread; 30 lb. cap..... \$7.50

No. 15—Wt., 10 lbs., size 14 in. spread, cap. 15 lbs., ea..... \$3.25

ALFALFA (LUCERNE) Wonder Crop of the West

Why Alfalfa Pays Best of All Crops

1. Alfalfa is easier to start than clover.
2. It withstands drought because of its long penetrating roots.
3. It is the most nutritious hay for livestock.
4. It makes dairying pay better.
5. It also makes good green feed for poultry.
6. It is the best of all soil builders.
7. It exterminates weeds by crowding them out.
8. Good alfalfa seed brings a good price.
9. It is a good hog pasture.

Prices on Alfalfa and Clover Seeds are subject to market changes. Ask for quantity prices. Seamless bags extra, at cost.



Grimm Alfalfa

This variety is especially recommended for shallow soils or those underlaid with hardpan. The claim made for it is that in addition to extreme hardness it has spreading roots instead of a single taproot and that it makes underground creeping stems. It resists cold weather and does not heave. Sow 10-15 pounds per acre.

Blue Tag Grade—Indicates a purity of 99.50% pure, containing less than 1/32 of 1% other crop seed.

Non-Certified Grade—We make a point of offering only the highest grade seed. Sample or analysis sent on request.

Hardy Desert Alfalfa

This splendid variety is the selection from the far famed Utah Dry Land type, which is a "Northern or hardy strain." It will live and thrive in the most trying arid situations where all others fail. Its roots pierce the soil until moisture is reached, even a depth of twenty or thirty feet has been traced in some dry localities. It produces even under adverse conditions but in favorable situations under irrigation it is a prodigious yielder. For dairy, poultry or stock feed, it is unexcelled. Very desirable also as a rotate crop since it supplies the much-needed nitrogen and humus. Sow 10 to 15 lbs. per acre. We offer the following grades:

Hardy Desert Alfalfa or Extra Fancy—Unusually bright color, with a purity of approximately 99.50% or better and high germination.

Hardy Desert Alfalfa, Fancy—Seed of 99% purity and high germination. Good color, sound plump seed.

Hardy Desert Alfalfa, Choice—Seed of a good commercial grade. Purity approximately 98.50%.

Ladak Alfalfa

Tests at nearly every Northern and Western Experiment Station show Ladak leading on tonnage, long life, drought-resistance, and winter hardness. It has also shown more resistance to bacterial wilt and aphid attack than any other commercial variety. Ladak

makes an exceptionally heavy first and second crop but little third. Because of the heavy first cutting, however, total seasonal yield of Ladak is often in excess of that of other varieties. It is ideal for high elevation valleys of the Rocky Mountain area because summer frosts which retard growth of other varieties leave it untouched. When fall comes, it tends to go dormant. This, no doubt, adds to its long life and accounts for its winter hardness.

Blue Tag Grade—Indicates a purity of 99.50% pure, containing less than 1/32 of 1% other crop seed.

Non-Certified Grade—We make a point of offering only the highest grade seed. Sample or analysis sent on request.

Utah Pioneer Alfalfa

Placed under certification in 1938 under recommendation of the State Experiment Station. It was selected from two parents fields in Millard County which are known to be at least 60 years old without reseeding or breaking up. Preliminary experimental tests point to its resistance to wilt over Grimm or Common and other hardy varieties.

Blue Tag Grade—Indicates a purity of 99.50% pure, containing less than 1/32 of 1% other crop seed.

Alfalfa Seed Prices

Transportation Not Prepaid

In comparing prices, be sure to compare the analysis and germination also.

Prices are quoted f.o.b. Salt Lake City.	1-9	10-24	25-99	Bag lots 100 lbs.
	lbs.	lbs.	lbs.	
Grimm, Blue Tag	.35	.32	.30	29.00
Grimm, Non-Certified	.29	.26	.24	23.00
Hardy Desert, Extra Fancy	.28	.25	.23	21.00
Hardy Desert, Fancy	.27	.24	.22	20.00
Hardy Desert, Choice	.25	.22	.20	18.00
Ladak, Blue Tag				
Ladak, Non-Certified				
Utah Pioneer, Blue Tag	.35	.32	.30	29.00

Write for prices
Write for prices



N.B.—Certified seed cannot be delivered under seal in quantities other than 10 lbs., 30 lbs., 60 lbs., 120 lbs.

Clovers

Alsike Is recommended both for sowing with Timothy and also with the Red and Mammoth Clovers, as well as for a hay crop by itself. It does not Winter-kill. The use of Swedish Alsike Clover is increasing rapidly; cattle prefer it to other clovers. It is very fine for honey bees. Sow at the rate of six or eight pounds per acre; sown in mixtures, 5 or 6 pounds per acre is sufficient.

Ladino Clover This is a recent introduction from Europe and has proved to be a remarkable discovery as a green feed for poultry, as well as livestock. It yields far more and withstands frost much better than alfalfa. Each plant sends out runners about 12 in. long and each joint makes a new root. It can be cut continuously throughout the entire year and makes excellent pasturage. It should be planted where water is available as it does not do well in dry situations. Sow 7-8 pounds per acre. It will maintain in a pasture more animal units per acre than any other clover.

Hubam Clover This is an annual sweet clover which grows rapidly, attaining a height of 6-7 feet. It is very valuable for pasturage and hay when cut before it gets too old. As the flowers are rich in honey, it makes very good bee pasturage. It is also used to great advantage as a cover crop. It should be planted in Fall or Spring. Sow 12-15 pounds per acre.

Medium Red (*Trifolium Pratense*)—Is a dependable, all-around variety for farmers and stockmen. It makes two hay crops each year. Sow either in the Spring or fall at the rate of 15 pounds to the acre. It is good in pastures either alone or with some grass as a companion crop.

SWEET CLOVER

White Blossom (*Melilotus Alba*)—Its value in the redemption of alkali lands cannot be over-estimated. It grows in a variety of soils—heavy, light, wet or dry, almost anywhere, except in acid soil. Sow 10 to 14 pounds per acre. It is often used for a green manure crop because of its quick, prolific growth.

Yellow Blossom (*Melilotus Officinalis*)—It is finer in the stalk and more palatable when mature than White Blossom Sweet, and has the same soil adaptation. Its refinement of stalk and palatability make it a good pasture and hay crop.



Lower—Model dairy barn at Kamas, Utah, on the Brooklawn Stock and Dairy Farm owned by Mr. Reed Stevens of Salt Lake City.

Top—A close-up of "Mary Dawn," young daughter of Mr. Stevens. She is standing in the midst of a large field of Alsike Clover.

Clovers, Alfalfa, and Meadow Grasses are utilized to the fullest extent for forage and pasture at "Brooklawn." All of which, coupled with other good management factors, make this one of the outstanding ventures of its kind in the State of Utah.

Strawberry Clover

Tall variety. This splendid new clover is a native of Australia but was found in wet pasture land in Washington and Oregon a number of years ago. It is similar to Ladino but thrives on a wider range of soil conditions. The flower is pink which fades as the flower head changes to a ball. When mature, the ball is about $\frac{3}{4}$ in. in diameter and resembles a green strawberry; hence, the name. (See cut). The foliage is similar to White Dutch but has creeping runners, strawberry fashion, and establishes new plants wherever the nodes contact the soil.

It has proved particularly adaptable to alkali and wet soils and will grow submerged in water for several weeks. Several observations have been made of this clover growing in fields of salt grass pasture. There are two types—the short and the tall. While either is satisfactory for pasture, the tall variety has proved easier to harvest for seed and is the heavier producer and, consequently, we believe it to be preferred. It is much in demand as a pasture crop because of its palatability and adaptability to alkali soils. Livestock relish it and pass up other clovers and grasses wherever Strawberry Clover is available. Sow at the rate of 4-6 pounds per acre.

Clover Seed Prices — Transportation Not Prepaid

In comparing prices, be sure to compare the analysis and germination also.

Prices are quoted f.o.b.
Salt Lake City, Utah.

	1-9 lbs.	10-24 lbs.	25-99 lbs.	Bag lots per 100 lbs.
	per lb.	per lb.	per lb.	
Alsike—Fancy Grade	.25	.23	.21	20.00
Ladino—Fancy Grade	.90	.88	.87	85.00
Hubam—Fancy Grade	.22	.21	.20	18.50
Medium Red—Fancy Grade	.20	.19	.18	17.00
Sweet—White Blossom—Fancy Grade	.11	.10	.09	7.00
Sweet—Yellow Blossom—Fancy Grade	.12	.11	.10	8.00
Strawberry (Tall)—Fancy Grade	.85	.83	.82	80.00
White Dutch—Choice Grade (not for Lawns)	.73	.72	.71	70.00

Seed Heads of Strawberry Clover

GRASS SEED for Range, Meadow and Pasture

Our stocks are critically grown, of highest germination and purity. Prices fluctuate. Write for prices.

Crested Wheat Grass

(*Agropyron cristatum*)

It is a wonderful ranch and range grass which grows earlier in the Spring and later in the Fall because of its ability to grow at lower temperatures. As a hay crop, it is very highly nutritious and palatable, stands well under grazing, and as a seed crop yields average from 200 to 500 pounds per acre under dry land conditions. It has made a most remarkable showing under dry, arid conditions, succeeding where many other varieties fail in a dry situation and cold temperatures. Crested Wheat is a long-lived grass. Fields 20 years old are still doing well. It is relished by livestock and adapts itself to a wide range of soil types.

For hay and pasture, sow 10 pounds per acre. As a seed crop, sow in 6-inch drills or in rows 3 ft. apart; requires only 4-5 pounds of seed per acre.

Fairway Strain—Is the result of many years of selection and plant breeding. It yields less hay than Standard under most conditions but has finer and more leaves. The Fairway has more uses, such as in lawns, fairways, boulevards, school yards, parks, farm lawns, and areas where water is not readily available.

Standard Strain—This strain is in greater demand. Grows taller than Fairway, is heavier of stalk, and yields more hay.

Cyclone Seed Sower

A good large sower that meets the most exacting demands. Hangs by strap over shoulders of operator. Hopper-sack has 1½ bu. capacity. Broadcasts evenly all varieties of grain and grasses. Wt., 4 lbs.

Price—Each, \$2.50. If by mail, add 25c ex. for post.



Bromus Inermis (Awnless Brome)

Brome Grass (*Bromus inermis*)—Also called Awnless or Smooth Brome. It has met with high favor as a grass for the drier farming regions of the West. The best growth is made on clay or clay loams, but it succeeds fairly well in sandy soil. It is higher in palatability than any other dry land grass and withstands drought conditions exceptionally well. Brome is sown either in the Fall or Spring on well-prepared land, using 10 to 20 lbs. of seed per acre. The yield of hay the first year is usually small, good the second, and best the third. The yield of hay ranges from 1½ to 3½ tons per acre. Where the higher yields are secured, two cuttings are made in a season. Brome Grass is excellent for pasture, being one of the most palatable of all grasses. It is really more valuable thus used than for hay.

Prices

In comparing prices, be sure to compare the analysis and germination also.	1-9 lbs. per lb.	10-24 lbs. per lb.	25-99 lbs. per lb.	Bag lots 100 lbs.
Crested Wheat Grass				
Fairway Strain .....	.19	.18	.17	16.00
Standard Strain .....	.19	.18	.17	16.00
Brome Grass .....	.19	.18	.17	16.00

If by mail, add postage at Zone Rates



Crested Wheat Grass

Reproduced for U. S. D. A. Tech. Bul. 307

GRASS SEED — New and Special Merit

Orchard Grass (*Dactylis glomerata*)—This is a very early pasture grass, furnishing feed at least three weeks before most other grasses. If used for hay, more than one cutting per season can be secured. Even after close grazing, a ten-day interval is sufficient for another growth. It makes a heavy sod and gives splendid pasture until late in the Fall. Withstands drought and is very hardy; well suited for shaded places such as in orchards or groves. It grows in tufts and can be sown, if desired, with Red Clover and Alfalfa. When planted alone, sow at the rate of 20-25 pounds per acre.

Kentucky Blue Grass One of the best grasses for pasture and lawns. It starts to grow very early and remains green late in the Fall. It does well on either high, dry land or places that are quite moist. We sell only seed of the highest quality. Sow 30 pounds per acre. For lawn purposes see grades offered on page 31.

English or Perennial Rye Grass This is a desirable grass for pasture when used alone or in a mixture with other grasses and clovers as it forms a heavy close sod and grows up quickly after being eaten or cut off. Good for hay if cut when in bloom and affords good pasture after hay is cut. Sow 25 to 30 pounds per acre.

Meadow Fescue (English Blue Grass) Is excellent for pasturage planted alone or in combination with other grasses and clovers. It is a tufted, deep-rooted, long-lived perennial. Thrives on a wide range of soil conditions, adapting itself to both wet or dry soils. Sow 10 to 15 pounds for seed production and 20 to 30 pounds for forage.

Timothy Of hay grasses Timothy leads all. Thrives on clay or heavy loams, wet or boggy soils, or in mountainous districts. At higher elevations where fewer grasses and clovers are adaptable, Timothy is the most important hay and pasture crop. Alone, sow 12 pounds to the acre, or with clover, 10 pounds Timothy and 6 pounds clover.

Tall Meadow Oat Grass It out-yields Timothy or Orchard Grass, and affords better grazing. It does very well in damp soils. Sown alone, use 30 pounds to the acre.

Red Top A valuable grass for moist soils. It makes a good permanent stand and is well adapted to pastures. It has been grown very successfully even on alkali and bottom land where many other grasses have failed. It is used also as a lawn grass as it makes a fine stem and good turf. Sow 15-25 pounds per acre.

Western Wheat Grass (Agropyron smithii) or Blue Stem This is a variety of great promise for the western arid regions. It is erect in growth and forms a firm, solid turf even where moisture is very limited. Its heavy spreading root system makes it valuable for erosion control and its foliage for grazing purposes. Sow 12 to 15 pounds per acre.

Slender Wheat Grass (Agropyron pauciflorum) A great boon for the cattle and sheep men. It grows in very dry arid sections and produces wonderful forage for cattle and sheep. It is a bunch-forming variety, and therefore would be more adaptable to range than to meadows. Very adaptable for pasture in canyons or flats.

About Prices

Since the market changes rapidly on all Farm and Field seeds, the prices quoted herein are those prevailing at the time of going to press and are subject to change without notice. You are safe, however, in sending remittance according to these published prices. In case of decline the difference will be promptly refunded; if there has been an advance, you will be notified before shipment is made for your confirmation.



Reed's Canary Grass

Reproduced from U.S.D.A. Bureau of Plant Industry

Reed's Canary Grass (Phalaris arundinacea)

This is a valuable high-yielding forage plant which is naturally adapted to grow on low, wet lands. As a permanent source of high quality hay and good pasturage, this crop is a valuable contribution to many farms in our state. For hay, cut as soon as the head begins to appear. Two or three crops of hay and some fall pasture may be obtained by such a practice. Everyone with moist and boggy soils should give this excellent grass a trial. Sow it at the rate of 5 to 6 pounds per acre broadcast and in drill, 2 to 3 pounds per acre in 16 to 18 inch rows.

Grass Seed Prices

Transportation Not Prepaid

In comparing prices, be sure to compare the analysis and germination also.	1-9 lbs. per lb.	10-24 lbs. per lb.	25-99 lbs. per lb.	Bag lots 100 lbs.
Orchard—Fancy Grade .....	.30	.29	.28	27.00
Kentucky Blue—Meadow Grade..	.27	.26	.25	24.00
Peren'l Rye (English)—Fancy....	.20	.19	.18	17.00
Meadow Fescue—Fancy .....	.21	.20	.19	18.00
Reed's Canary Grass—Fancy.....	.30	.29	.28	27.00
Red Top—Fancy .....	.23	.22	.21	20.00
Slender Wheat .....	.22	.21	.20	18.50
Tall Meadow Oat .....	.31	.30	.29	27.00
Timothy .....	.12	.11	.10	8.50
Western Wheat .....	.22	.21	.20	18.50

Fall or Winter Rye Used extensively for grain as well as for pasture and hay. Sown after crops in late summer and fall, it prevents leaching and soil erosion.

Fall Wheat

Relief Wheat—This is a new hard, red, winter wheat. It is rust and smut resistant to a very high degree and in infested areas is fast replacing all other varieties. It compares favorably both in yield and protein to the well-known Turkey Red. It is also highly drought resistant.

Turkey Red—Today it is the most widely used hard red winter wheat. The heads are bearded, the chaff is white, and the grains are hard and dark red. The hard red wheats have the highest protein content, making them valuable for high grade milling.

Western Alkali Grass This grass will make your alkali lands productive. We have reports of growers stating it has produced, on alkali ground that would produce no other crop yields, as large as Timothy produced on first class Timothy land. It will stand an unlimited amount of water in the spring and has successfully resisted severe drought. Seeding can be made beginning in September and continuing as long as snow covers the ground in the spring. Sow 2 pounds per acre for meadow or pasture.

P.-W.'s Grass and Clover Seed Mixtures

For Permanent Meadows, Pastures, Marginal and Range Lands

Our well-balanced mixtures are made up of a number of native and acclimated grasses and clovers, blended in such a way as to best suit the climatic and soil conditions found in our intermountain regions.

P.-W.'s Mixture No. 1 Contains the following in well-balanced proportions: Red Top, Perennial Rye, Brome, Timothy, Alsike, and Kentucky Blue Grass. Sow 25 pounds per acre.

Morton's Formula Mixed Contains a splendid combination of Brome, Orchard, Meadow Fescue, and Yellow Blossom Sweet Clover. Sow 25 pounds per acre.

MICHEL'S GRASS

The Sensational Hay and Forage Crop

This new Hybrid Grass is the product of a cross between Mosida (Winter Wheat) and a perennial rye grass, *Elymus condensatus*. Its superior characters are winter hardiness, good strong straw, and high yields. In nearly all cases the early plantings at the rate of 10 to 15 pounds of seed to the acre produced the highest seed yield regardless of the type of land. Yields on non-irrigated lands produced at the rate of 600 to 1800 pounds of seed per acre.

On account of its large rye-like seed, it is easily established, makes an early and abundant spring growth, produces a palatable feed, is easily handled as a seed crop, and can be harvested with a binder or combine. The Hybrid Grass seed cannot be distinguished from rye seed; therefore, only certified Blue Tag seed should be purchased. (Summary of C. A. Michel's Leaflet No. 40)



Livestock grazing on field of Michel's Grass

A crop of seed can be harvested after early Spring grazing.



A field of Fall Rye



A field of Western Alkali Grass

Astragalus Ruby

The sensational new legume for reclaiming moist alkaline soils. Through its use, low, worthless alkaline soils have been transformed into productive fields. Plant makes an abundant growth from the crown or woody root. Spreading habit, making a dense mat which crowds out weeds. It is cured like alfalfa, and yields about 4 tons per acre. Stock relish it. Sow the seed either Spring or Fall at the rate of about 7 lbs. per acre (see below for prices).

Vetch

Sand, Hairy or Winter—Is very Winter hardy and is a fine crop to sow in the Fall, following harvest of crops. It is one of the oldest and most used varieties. The Vetches make good hay either alone or in mixture with small grains and are relished by all kinds of livestock.

Grass Seed Prices

Transportation Not Prepaid

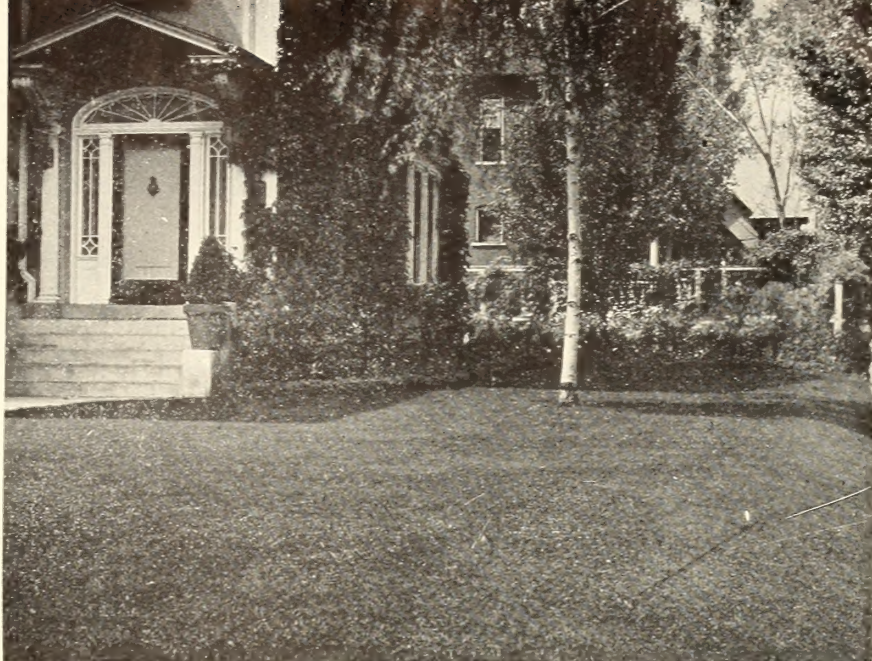
In comparing prices, be sure to compare the analysis and germination also.	1-9 lbs. per lb.	10-24 lbs. per lb.	25-99 lbs. per lb.	Bag lots 100 lbs.
Astragalus Ruby	.68	.67	.66	65.00
Michel's Grass	.33	.32	.31	30.00
Morton's Formula Mixed	.23	.22	.21	20.00
P.-W.'s Mixture No. 1	.25	.24	.22½	21.50
Rye, Fall or Winter				1.75
Western Alkali Grass	.75	.74	.72	70.00
Wheat, Relief				1.75
Wheat, Turkey Red				1.75
Vetch, Hairy or Winter	.17	.16	.15	14.00

PLANT LAWNS THIS FALL

*Fall is the ideal
time to make New
Lawns.*

*It is Nature's time
for sowing.*

*Soil, moisture,
cool weather make
perfect conditions
for establishing
lawns.*



Plant P.-W.'s Velvet Green Lawn Mixture

P.-W.'s Superfine Lawn Grass Mixtures

Velvet Green Lawn Mixture. We are especially proud of our Velvet Lawn Mixture. It is composed of the pure seeds of those fine-leaved and deep-rooted permanent grasses best suited for lawns. These famous mixtures contain White Dutch clover in different proportions, as follows:

A. Formula (contains 15% clover). Lb., 60c; 3 lbs., \$1.65, postpaid. Not prepaid, lb., 55c; 10 lbs., \$5.00.

B. Formula (contains 5% clover). Lb., 50c; 3 lbs., \$1.40, postpaid. Not prepaid, lb., 45c; 10 lbs., \$4.00.

Shady Nook Mixture. Few grasses thrive in heavily shaded areas. We have put into this mixture those kinds suited to such conditions. With proper care, such as regular feeding and watering, it will grow and make a good sod. Lb., 80c, postpaid. Not prepaid, lb., 70c; 10 lbs., \$6.50.

Special Bent Mixture. With this mixture you can have a putting green on your own lawn, equal to the best golf greens. Where planted on good soil and given the needed feedings of a good fertilizer, there will be no trouble from dandelions and other weeds. Lb., 80c; 10 lbs., \$7.50, postpaid. Not prepaid, lb., 70c; 10 lbs., \$6.50.

P.-W.'s Special Athletic Field Mixture. Composed of sturdy grasses that stand severe wear and tramping. 5 lbs., \$1.75; 10 lbs., \$3.25, postpaid.

Building and Care of Lawns

We have published a pamphlet giving full directions for building and care of lawns.

We will send you a copy free on request. Ask for it.

You get RESULTS

When you feed with VIGORO

Plants require eleven different food elements from the soil. If your soil is deficient in any one, plants cannot thrive. **VIGORO** is the complete plant food.

100-lb. bag	\$4.00
50-lb. bag	2.50
25-lb. bag	1.50
10-lb. bag .....	.85
5-lb. bag .....	.45
1-lb. bag .....	.10



Grasses Most Suitable for Lawns

Chewings Fescue forms a fine-leaved, mat-like sod which withstands hard wear and extreme drought. Well adapted to dry, sandy soils and shaded places. Will do well on all soils. Lb., 85c; 3 lbs., \$2.40, postpaid. Not prepaid, lb., 75c; 10 lbs., \$7.00.

Creeping Bent Grass (Blue Tag Certified Grade). Properly cared for, Bent makes a beautiful lawn, discouraging weed growth. It is the true creeping type and forms a very dense sod of beautiful dark green color and stands quite close mowing. Lb., \$1.10; 3 lbs., \$3.20, postpaid. Not prepaid, lb., \$1.00; 10 lbs., \$9.50.

Kentucky Blue Grass is the "backbone" of fine lawn mixtures. It does well on most types of soils. It is aggressive and spreads rapidly, making a sod of fine texture and beautiful green color. Lb., 45c; 3 lbs., \$1.25, postpaid. Not prepaid, lb., 40c; 10 lbs., \$3.75.

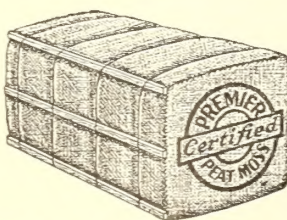
Poa Trivialis is especially adapted for shady places under trees. Grows to perfection on moist, rich soils and especially sandy soil. Lb., 80c; 3 lbs., \$2.40, postpaid. Not prepaid, lb., 75c; 10 lbs., \$7.00.

Red Top Grass (Heavy solid seed). A rapid-growing, fine-blade grass used universally with Kentucky Blue Grass. It does well on almost any soil, withstanding drought and thriving under moist conditions. Lb., 40c; 3 lbs., \$1.10, postpaid. Not prepaid, lb., 35c; 10 lbs., \$3.00.

White Clover for Lawns

White Dutch Clover for Lawns. It is the chief clover in grass mixtures and makes a valuable constituent of lawns. Gardeners who prefer extra heavy growth of clover should add 4 oz. to each 2 lbs. of grass. Lb., \$1.00; 3 lbs., \$2.85, postpaid. Not prepaid, lb., 95c.

Granulated Peat Moss



Valuable soil conditioner. Adds organic matter; conserves moisture; used for mixing in soil for pot plants, window boxes, lawn, flower or vegetable garden; Perennial Rose beds and Evergreens. Per bale, \$3.25. Broken bale lots, 8 lbs., 50c; 20 lbs., \$1.00; half bale, \$2.00.

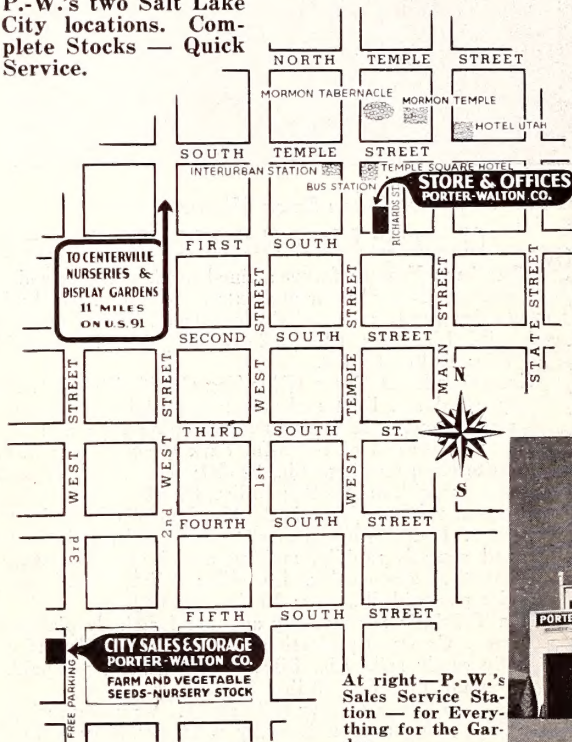
PORTER-WALTON CO.

The Home of Mountain Grown Seeds, Shrubs and Trees

Special Service Facilities for Customers Within Convenient Motoring Distances

Drive to either our CENTERVILLE Nurseries and Display Gardens or to our City Sales Yard and Storage Warehouses at 522-536 South 3rd West, Salt Lake City (see below). Plenty of Free Parking Space, and Courteous, Experienced Sales Staff to help you solve your Garden Problems.

P.-W.'s two Salt Lake City locations. Complete Stocks — Quick Service.



Above—General Office and City Store, corner Richards Street and First South.

For complete Nursery and Seed Lines, drive to 522-536 South 3rd West, shown below.



At right—P.-W.'s Sales Service Station — for Everything for the Garden.

You take no Chances. For More than 35 Years of Fair Dealing and the Largest Source of Supply in the Mountain States Backs Every C from us.

SAFE DELIVERY AND
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